| IMAGE TYPE | SOURCE | FORMAT | QUALITY | QUALITY MEASUREMENT | WAY TO COMPRESS | CODECS | COLOR | EXTENSION | FILE SIZE | OUTPUT TO |
|------------|------------------------------|----------------------------|-----------------|----------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------|---------------------------|--------------------------------------|
| still | camera | raw | highest | - | none unprocessed | - | millions | .cr2 .nef | large | print screen |
| still | camera application | tiff | highest | - | none Izw | - | millions | .tiff | large | print |
| still | camera application | jpg | low | 1-10 | low to high | - | 256 to millions | .jpg | medium | screen |
| still | application | psd | highest | - | none Izw | - | millions | .psd | | print screen |
| video | application render | quicktime | highest | bitrate - 15-33 mb/sec (1920x1080) | video codec | none animation | rgb millions | .mov | very large | downstream application |
| video | application render | quicktime | higest- high | bitrate - 30-400 mb/sec (1920x1080) | video codec | apple proRes LT apple proRes 422 apple proRes 422 HQ apple proRes 4444 apple proRes 4444 HQ | rgb millions w/ transparency w/o transparency | .mov | large | downstream application |
| video | application render | H.264 | low-high | bitrate - 1-24 mb/sec (1920x1080) | video codec | H.264 | rgb millions | .mp4 | small- medium | web blu-ray media players |
| video | camera | mpeg2 | high | bitrate ~40 mb/sec | camera codec | mpeg2 | rgb millions | .mp2 | medium | ingest for editing |
| video | camera | H.264 | high | bitrate ~40 mb/sec | camera codecs | canon - avc sony - avchd goPro - cineform | rgb | .mp4 | medium-high | ingest for editing |
| video | camera application render | sequence raw -or- still | highest | based on resolution | - | - | rgb transparency | image sequence | based on number of frames | archive -or- ingest for edting |
| | | | | | | | | | | |