

Indexed Format

In this format each pixel is represented by an 8 bit index into a 256 entry ARGB palette. It is intended for [ref: Video Output Overlays <osd>](#) only. There are no ioctls to access the palette, this must be done with ioctls of the Linux framebuffer API.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\v4l\[linux-master] [Documentation] [userspace-api] [media] [v4l]pixfmt-indexed.rst, line 9); [backlink](#)

Unknown interpreted text role "ref".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\v4l\[linux-master] [Documentation] [userspace-api] [media] [v4l]pixfmt-indexed.rst, line 16)

Unknown directive type "flat-table".

```
.. flat-table:: Indexed Image Format
   :header-rows: 2
   :stub-columns: 0

   * - Identifier
     - Code
     -
     - :cspan: `7` Byte 0
   * -
     -
     - Bit
     - 7
     - 6
     - 5
     - 4
     - 3
     - 2
     - 1
     - 0
   * .. _V4L2-PIX-FMT-PAL8:

     - ``V4L2_PIX_FMT_PAL8``
     - 'PAL8'
     -
     - i\ :sub: `7`
     - i\ :sub: `6`
     - i\ :sub: `5`
     - i\ :sub: `4`
     - i\ :sub: `3`
     - i\ :sub: `2`
     - i\ :sub: `1`
     - i\ :sub: `0`
```