JavaScript is disabled on your browser.

* [Overview](http://docs.google.com/overview-summary.html)
* [Package](http://docs.google.com/package-summary.html)
* Class
* [Tree](http://docs.google.com/package-tree.html)
* [Index](http://docs.google.com/index-all.html)
* [Help](http://docs.google.com/help-doc.html)
* [Prev Class](http://docs.google.com/org/opencv/photo/TonemapMantiuk.html)
* Next Class
* [Frames](http://docs.google.com/index.html?org/opencv/photo/TonemapReinhard.html)
* [No Frames](http://docs.google.com/TonemapReinhard.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)
* Summary:
* Nested |
* Field |
* Constr |
* [Method](#3znysh7)
* Detail:
* Field |
* Constr |
* [Method](#1t3h5sf)

org.opencv.photo

## Class TonemapReinhard

* java.lang.Object
  + [org.opencv.core.Algorithm](http://docs.google.com/org/opencv/core/Algorithm.html)
    - [org.opencv.photo.Tonemap](http://docs.google.com/org/opencv/photo/Tonemap.html)
      * org.opencv.photo.TonemapReinhard
* public class TonemapReinhard  
  extends [Tonemap](http://docs.google.com/org/opencv/photo/Tonemap.html)  
  This is a global tonemapping operator that models human visual system. Mapping function is controlled by adaptation parameter, that is computed using light adaptation and color adaptation. For more information see CITE: RD05 .

### Method SummaryMethods

| Modifier and Type | Method and Description |
| --- | --- |
| static [TonemapReinhard](http://docs.google.com/org/opencv/photo/TonemapReinhard.html) | [**\_\_fromPtr\_\_**](http://docs.google.com/org/opencv/photo/TonemapReinhard.html#__fromPtr__(long))(long addr) |
| float | [**getColorAdaptation**](http://docs.google.com/org/opencv/photo/TonemapReinhard.html#getColorAdaptation())() |
| float | [**getIntensity**](http://docs.google.com/org/opencv/photo/TonemapReinhard.html#getIntensity())() |
| float | [**getLightAdaptation**](http://docs.google.com/org/opencv/photo/TonemapReinhard.html#getLightAdaptation())() |
| void | [**setColorAdaptation**](http://docs.google.com/org/opencv/photo/TonemapReinhard.html#setColorAdaptation(float))(float color\_adapt) |
| void | [**setIntensity**](http://docs.google.com/org/opencv/photo/TonemapReinhard.html#setIntensity(float))(float intensity) |
| void | [**setLightAdaptation**](http://docs.google.com/org/opencv/photo/TonemapReinhard.html#setLightAdaptation(float))(float light\_adapt) |

### Methods inherited from class org.opencv.photo.[**Tonemap**](http://docs.google.com/org/opencv/photo/Tonemap.html)[getGamma](http://docs.google.com/org/opencv/photo/Tonemap.html#getGamma()), [process](http://docs.google.com/org/opencv/photo/Tonemap.html#process(org.opencv.core.Mat,%20org.opencv.core.Mat)), [setGamma](http://docs.google.com/org/opencv/photo/Tonemap.html#setGamma(float))

### Methods inherited from class org.opencv.core.[**Algorithm**](http://docs.google.com/org/opencv/core/Algorithm.html)[clear](http://docs.google.com/org/opencv/core/Algorithm.html#clear()), [empty](http://docs.google.com/org/opencv/core/Algorithm.html#empty()), [getDefaultName](http://docs.google.com/org/opencv/core/Algorithm.html#getDefaultName()), [getNativeObjAddr](http://docs.google.com/org/opencv/core/Algorithm.html#getNativeObjAddr()), [save](http://docs.google.com/org/opencv/core/Algorithm.html#save(java.lang.String))

### Methods inherited from class java.lang.Objectequals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

### Method Detail

#### \_\_fromPtr\_\_ public static [TonemapReinhard](http://docs.google.com/org/opencv/photo/TonemapReinhard.html) \_\_fromPtr\_\_(long addr)

#### getColorAdaptation public float getColorAdaptation()

#### getIntensity public float getIntensity()

#### getLightAdaptation public float getLightAdaptation()

#### setColorAdaptation public void setColorAdaptation(float color\_adapt)

#### setIntensity public void setIntensity(float intensity)

#### setLightAdaptation public void setLightAdaptation(float light\_adapt)

* [Overview](http://docs.google.com/overview-summary.html)
* [Package](http://docs.google.com/package-summary.html)
* Class
* [Tree](http://docs.google.com/package-tree.html)
* [Index](http://docs.google.com/index-all.html)
* [Help](http://docs.google.com/help-doc.html)
* [Prev Class](http://docs.google.com/org/opencv/photo/TonemapMantiuk.html)
* Next Class
* [Frames](http://docs.google.com/index.html?org/opencv/photo/TonemapReinhard.html)
* [No Frames](http://docs.google.com/TonemapReinhard.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)
* Summary:
* Nested |
* Field |
* Constr |
* [Method](#3znysh7)
* Detail:
* Field |
* Constr |
* [Method](#1t3h5sf)

Generated on 2021-04-02 03:15:03 / OpenCV 3.4.14