

Converting Colors

`RYB(193, 227, 212)`

Have a look what the booklet for
RYB(193, 227, 212) contains.

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Color

R_YB(193, 227, 212)

Conversions

Conversions Part 1

Format	Color
Hex	D0E3C1
RGB	208, 227, 193
RGB Percent	82%, 89%, 76%
CMY	0.1843, 0.1098, 0.2431
CMYK	0.08, 0.00, 0.15, 0.11
HSL	94°, 38%, 82%
HSV	94°, 15%, 89%
XYZ	63.1071, 72.1983, 61.0616
YIQ	217.4430, -0.4100, -14.6020

Conversions

Conversions Part 2

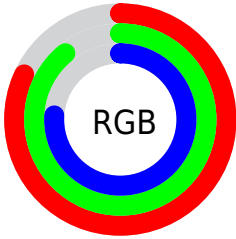
Format	Color
RYB	193, 227, 212
Decimal	13689793
CIELab	88.06, -12.35, 14.49
CIElCh	88, 19.042, 130.449
Yxy	72.1983, 0.3214, 0.3677
Android (android.graphics.Color)	4291879873 (0xFFD0E3C1)
YUV	217.4430, -12.0504, -8.2815
Hunter-Lab	84.9696, -16.1244, 16.8712

Details

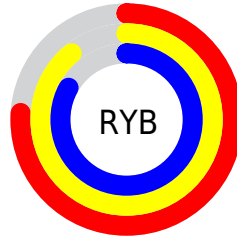
The RYB color **193, 227, 212** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **212, 193, 227**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **249, 255, 249**, and **139, 172, 158** is the 20% darker color. If you saturate the color by 10%, you get **170, 227, 202**, and if you desaturate by 10%, it is **216, 227, 222**.

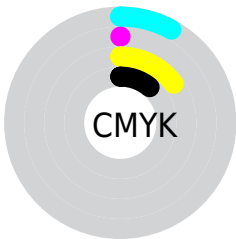
Distribution



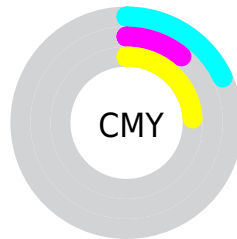
- Red (82%)
- Green (89%)
- Blue (76%)



- Red (76%)
- Yellow (89%)
- Blue (83%)



- Cyan (8%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 227, 212 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 193, 227, 212 by changing the saturation by 10% instead.

 193, 227, 212

255, 255, 255


 249, 255, 249

 193, 227, 212


 166, 199, 185


 139, 172, 158

 114, 145, 132

 89, 119, 106

 66, 95, 83

 43, 71, 59

 23, 48, 38

 0, 28, 15

 0, 0, 0

 193, 227, 212

 193, 227, 212

 170, 227, 202

 216, 227, 222

 148, 227, 192

 233, 227, 238

 125, 227, 182

 246, 227, 255

 102, 227, 172

 255, 227, 255

 79, 227, 161

 57, 227, 152

 34, 227, 142

 11, 227, 131

 0, 227, 127

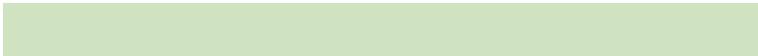
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



193, 229, 185



193, 227, 212



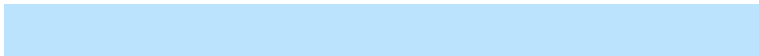
189, 218, 231

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



193, 227, 212



187, 212, 254



255, 208, 215

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



193, 227, 212



212, 193, 227

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250, 210, 233



193, 227, 212



209, 218, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



193, 227, 212



175, 206, 244



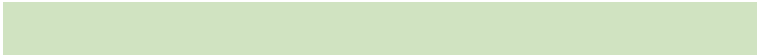
232, 214, 249



255, 215, 198

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



193, 227, 212



179, 209, 232



232, 214, 249



255, 208, 221

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



193, 227, 212



245, 255, 251



220, 227, 193



121, 128, 125



0, 0, 0



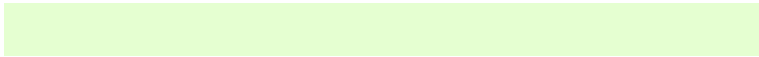
128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



193, 227, 212



209, 255, 235



193, 225, 227



103, 115, 110



0, 179, 100



0, 51, 28

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



212, 193, 227



235, 209, 255



227, 193, 225



110, 103, 115



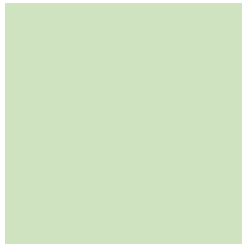
100, 0, 179



28, 0, 51

Previews

White Background



This preview shows how the RYB color 193, 227, 212 looks on a white background.

Color Contrast Check

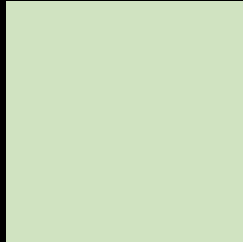
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 193, 227, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

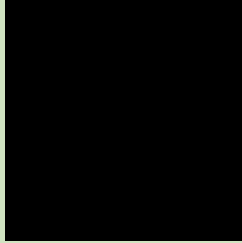
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

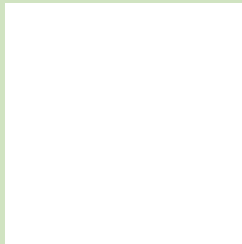
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 193, 227, 212 Background



This preview shows how black text looks on a background with the RYB color 193, 227, 212.



This preview shows how white text looks on a background with the RYB color 193, 227, 212.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

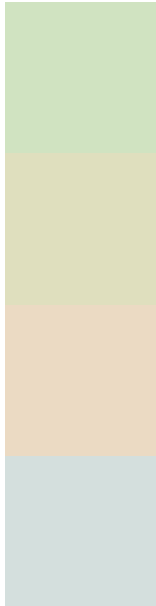
Dichromacy





Tritanopia
215, 220, 238

Trichromacy



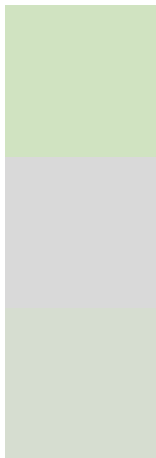
Original Color
193, 227, 212

Protanomaly
190, 223, 190

Deuteranomaly
225, 235, 195

Tritanomaly
212, 218, 223

Monochromacy



Original Color
193, 227, 212

Achromatopsia
217, 217, 217

Achromatomaly
208, 221, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 227, 212 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(208, 227, 193)` looks like.

```
.text, #text, p{  
    color:rgb(208, 227, 193)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(208, 227, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 227, 193) }
```

Border

The CSS property to change the border of an element to RYB 193, 227, 212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 227, 193) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(208, 227, 193) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(208, 227, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 227, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 227, 193); box-shadow:4px 4px 4px 4px rgb(208, 227, 193) }
```

Background

The CSS property to change the background color of an element to RYB 193, 227, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 227, 193) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(208,  
227, 193) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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