

Converting Colors

`RYB(197, 240, 229)`

Have a look what the booklet for
RYB(197, 240, 229) contains.

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Color

R_YB(197, 240, 229)

Conversions

Conversions Part 1

Format	Color
Hex	D0F0C5
RGB	208, 240, 197
RGB Percent	82%, 94%, 77%
CMY	0.1843, 0.0588, 0.2275
CMYK	0.13, 0.00, 0.18, 0.06
HSL	105°, 59%, 86%
HSV	105°, 18%, 94%
XYZ	67.2506, 79.7613, 64.6743
YIQ	225.5300, -5.2690, -20.1570

Conversions

Conversions Part 2

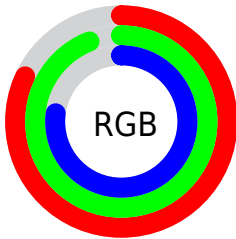
Format	Color
RYB	197, 240, 229
Decimal	13693125
CIELab	91.58, -18.15, 17.36
CIElCh	92, 25.117, 136.284
Yxy	79.7613, 0.3177, 0.3768
Android (android.graphics.Color)	4291883205 (0xFFD0F0C5)
YUV	225.5300, -14.0653, -15.3738
Hunter-Lab	89.3092, -21.8791, 19.5809

Details

The RYB color **197, 240, 229** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **229, 197, 240**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **254, 255, 254**, and **143, 184, 174** is the 20% darker color. If you saturate the color by 10%, you get **173, 240, 223**, and if you desaturate by 10%, it is **221, 240, 235**.

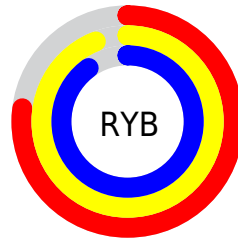
Distribution



Red (82%)

Green (94%)

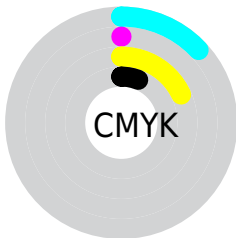
Blue (77%)



Red (77%)

Yellow (94%)

Blue (90%)

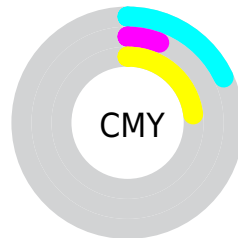


Cyan (13%)

Magenta (0%)

Yellow (18%)

Black (6%)



Cyan (18%)

Magenta (6%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 240, 229 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 197, 240, 229 by changing the saturation by 10% instead.

 197, 240, 229

255, 255, 255


254, 255, 254

 197, 240, 229

 170, 212, 202

 143, 184, 174


 117, 157, 147


 93, 131, 122

 69, 106, 98

 46, 81, 73

 25, 58, 52

 0, 36, 24

 0, 11, 11

 197, 240, 229

 197, 240, 229

 173, 240, 223

 221, 240, 235

 149, 240, 217

 244, 240, 245

 125, 240, 211

 255, 240, 255

 101, 240, 204

 77, 240, 198

 53, 240, 192

 29, 240, 186

 5, 240, 180

 0, 240, 179

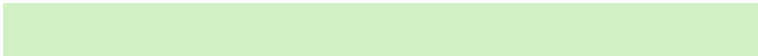
Harmonies

Analogous

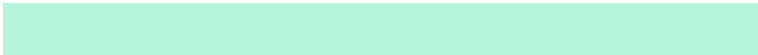
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



187, 236, 184



197, 240, 229



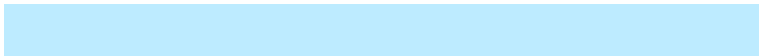
182, 221, 244

Triad

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



197, 240, 229



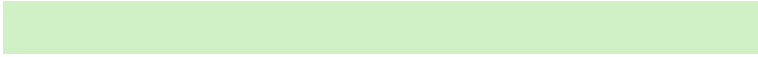
189, 216, 255



255, 214, 218

Complementary

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



197, 240, 229



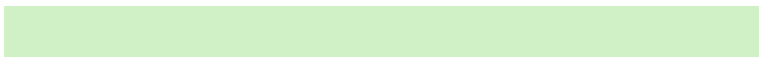
229, 197, 240

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.



255, 215, 243



197, 240, 229



221, 227, 255

Square

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



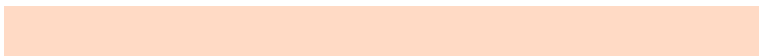
197, 240, 229



168, 208, 255



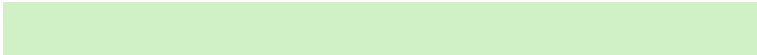
251, 220, 255



255, 230, 197

Rectangle

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



197, 240, 229



170, 210, 245



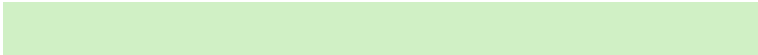
251, 220, 255



255, 214, 227

Sweetspot

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



197, 240, 229



242, 255, 251



212, 240, 197



120, 128, 126



0, 0, 0



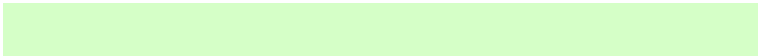
128, 128, 128

Same Dimension

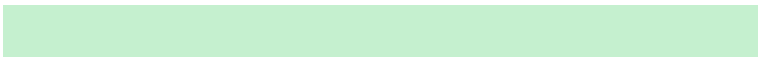
The Same Dimension uses a secret algorithm to generate beautiful new colors.



197, 240, 229



199, 255, 241



197, 232, 240



108, 120, 117



0, 184, 137



0, 56, 42

Inverse Universe

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



229, 197, 240



241, 199, 255



240, 197, 230



117, 108, 120



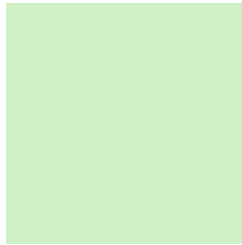
137, 0, 184



42, 0, 56

Previews

White Background



This preview shows how the RYB color 197, 240, 229 looks on a white background.

Color Contrast Check

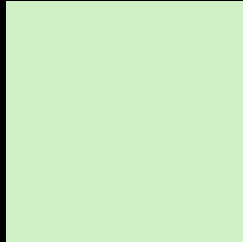
Large Text (above 18pt) WCAG AA × Fail

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 197, 240, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

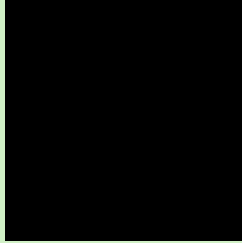
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

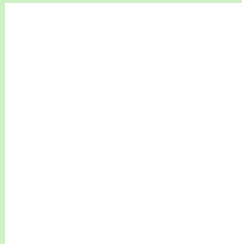
Any Text WCAG AAA ✓ Pass

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

RYB 197, 240, 229 Background



This preview shows how black text looks on a background with the RYB color 197, 240, 229.

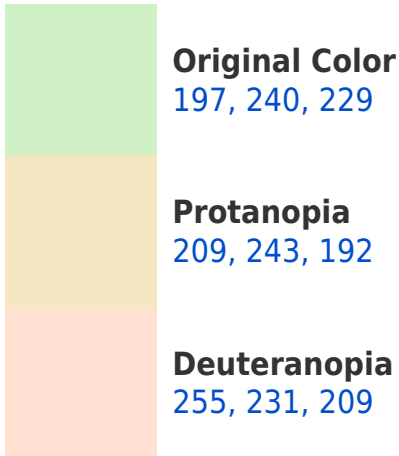


This preview shows how white text looks on a background with the RYB color 197, 240, 229.

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





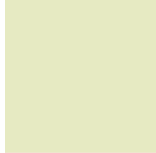
Tritanopia
217, 228, 251

Trichromacy



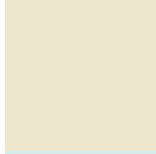
Original Color

197, 240, 229



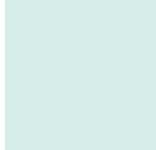
Protanomaly

194, 234, 198



Deuteranomaly

216, 238, 205



Tritanomaly

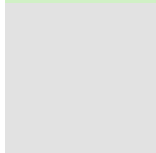
214, 226, 236

Monochromacy



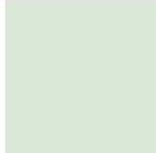
Original Color

197, 240, 229



Achromatopsia

226, 226, 226



Achromatomaly

215, 231, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 240, 229 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, 240, 197)` looks like.

```
.text, #text, p{  
    color:rgb(208, 240, 197)  
}
```

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, 240, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 240, 197) }
```

Border

The CSS property to change the border of an element to RYB 197, 240, 229 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, 240, 197) }
```

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

```
.border{ border-color:rgb(208, 240, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 240, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 240, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 240, 197);  
box-shadow:4px 4px 4px 4px rgb(208, 240,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 197, 240, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 240, 197) }
```

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

```
.background{ background-color: rgb(208,  
240, 197) }
```

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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