

Converting Colors

`RYB(210, 228, 247)`

Have a look what the booklet for
RYB(210, 228, 247) contains.

RYB(210, 228, 247)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(210, 228, 247)

Conversions

Conversions Part 1

Format	Color
Hex	D2F5F7
RGB	210, 245, 247
RGB Percent	82%, 96%, 97%
CMY	0.1765, 0.0390, 0.0314
CMYK	0.15, 0.01, 0.00, 0.03
HSL	183°, 70%, 90%
HSV	183°, 15%, 97%
XYZ	76.0352, 85.7537, 100.5403
YIQ	234.7630, -21.5020, -6.7980

Conversions

Conversions Part 2

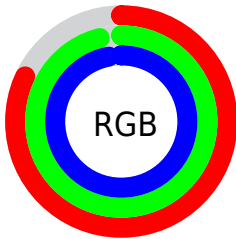
Format	Color
R _{YB}	210, 228, 247
Decimal	13825527
CIE Lab	94.21, -10.88, -4.74
CIE LCh	94, 11.865, 203.565
Yxy	85.7537, 0.2898, 0.3269
Android (android.graphics.Color)	4292015607 (0xFFD2F5F7)
YUV	234.7630, 6.0328, -21.7172
Hunter-Lab	92.6033, -15.4921, 0.4506

Details

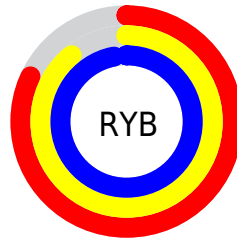
The RYB color **210, 228, 247** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **247, 212, 210**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **155, 172, 191** is the 20% darker color. If you saturate the color by 10%, you get **185, 215, 247**, and if you desaturate by 10%, it is **235, 241, 247**.

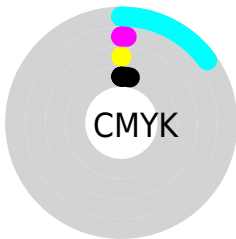
Distribution



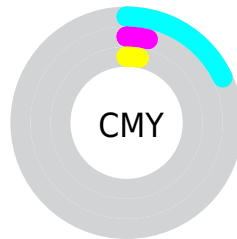
- Red (82%)
- Green (96%)
- Blue (97%)



- Red (82%)
- Yellow (89%)
- Blue (97%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (18%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 228, 247 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 210, 228, 247 by changing the saturation by 10% instead.

210, 228, 247

255, 255, 255

210, 228, 247

182, 200, 219

155, 172, 191

129, 146, 164

103, 119, 137

78, 94, 112

55, 71, 88

31, 47, 64

7, 24, 42

0, 11, 22

210, 228, 247

210, 228, 247

185, 215, 247

235, 241, 247

161, 203, 247

255, 248, 247

136, 190, 247

255, 250, 247

111, 177, 247

255, 252, 247

86, 164, 247

252, 255, 247

62, 152, 247

250, 255, 247

37, 139, 247

248, 255, 247

12, 126, 247

247, 255, 247

0, 120, 247

Harmonies

Analogous

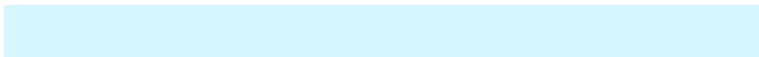
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214, 232, 245



210, 228, 247



213, 231, 255

Triad

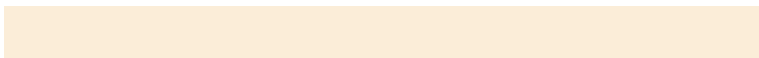
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210, 228, 247



251, 233, 252



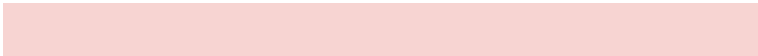
239, 251, 216

Complementary

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



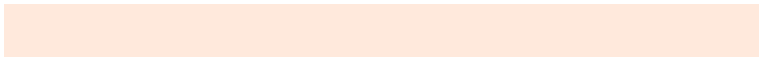
210, 228, 247



247, 212, 210

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, 241, 220



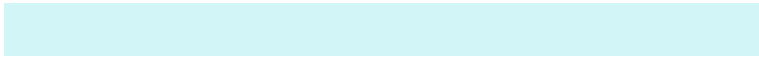
210, 228, 247



255, 231, 241

Square

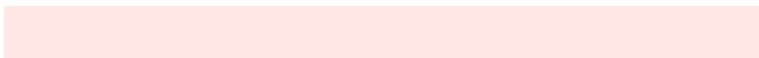
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210, 228, 247



238, 236, 255



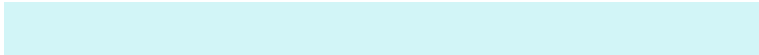
255, 231, 230



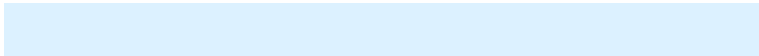
217, 240, 219

Rectangle

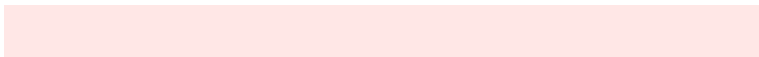
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



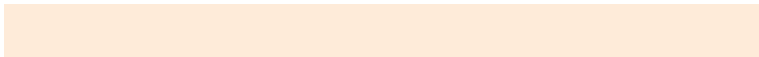
210, 228, 247



220, 233, 255



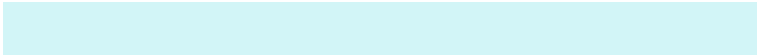
255, 231, 230



254, 252, 217

Sweetspot

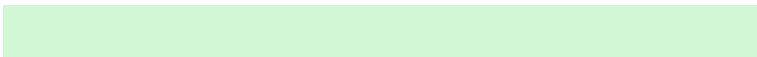
The Sweet Spot groups the original color and five complimentary colors.



210, 228, 247



245, 250, 255



210, 245, 247



121, 124, 128



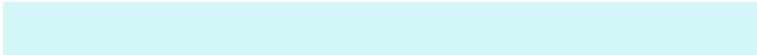
0, 0, 0



128, 128, 128

Same Dimension

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



210, 228, 247



209, 231, 255



210, 222, 247



110, 116, 122



0, 90, 186



0, 29, 59

Inverse Universe

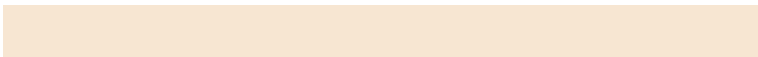
The Inverse Universe completely reimagines the original color for something new.



247, 210, 245



255, 209, 253



241, 247, 210



122, 110, 122



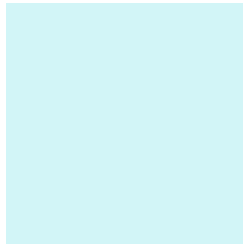
186, 0, 176



59, 0, 56

Previews

White Background



This preview shows how the RYB color 210, 228, 247 looks on a white background.

Color Contrast Check

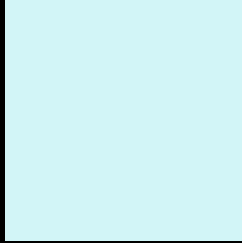
Large Text (above 18pt) WCAG AA × Fail

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 210, 228, 247 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 210, 228, 247 Background



This preview shows how black text looks on a background with the RYB color 210, 228, 247.



This preview shows how white text looks on a background with the RYB color 210, 228, 247.

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

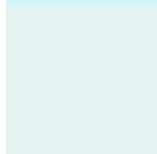
221, 234, 255

Trichromacy



Original Color

210, 228, 247



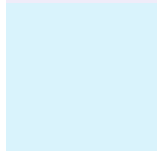
Protanomaly

230, 236, 244



Deuteranomaly

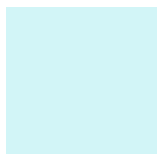
239, 236, 249



Tritanomaly

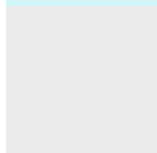
217, 232, 252

Monochromacy



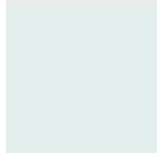
Original Color

210, 228, 247



Achromatopsia

235, 235, 235



Achromatomaly

226, 233, 239

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 228, 247 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(210, 245, 247) looks like.

```
.text, #text, p{  
    color:rgb(210, 245, 247)  
}
```

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(210, 245, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 245, 247) }
```

Border

The CSS property to change the border of an element to RYB 210, 228, 247 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(210, 245, 247) }
```

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

```
.border{ border-color:rgb(210, 245, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 245, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 245, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 245, 247);  
box-shadow:4px 4px 4px 4px rgb(210, 245,  
247) }
```

Background

The CSS property to change the background color of an element to RYB 210, 228, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 245, 247) }
```

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

```
.background{ background-color: rgb(210,  
245, 247) }
```

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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