

Converting Colors

CIELCh(95, 5.234, 250.732)

Have a look what the booklet for
CIELCh(95, 5.234, 250.732) contains.

CIELCh(95, 5.313, 250.129)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 5.313, 250.129)

Conversions

Conversions Part 1

Format	Color
Hex	E8F2FA
RGB	232, 242, 250
RGB Percent	91%, 95%, 98%
CMY	0.0899, 0.0507, 0.0193
CMYK	0.07, 0.03, 0.00, 0.02
HSL	207°, 65%, 95%
HSV	207°, 7%, 98%
XYZ	82.3391, 87.6183, 103.0707
YIQ	239.9220, -8.5280, 0.3680

Conversions

Conversions Part 2

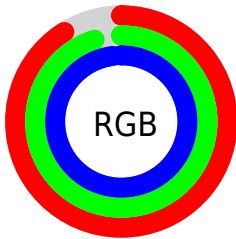
Format	Color
R _Y B	232, 238, 250
Decimal	15266554
CIE Lab	95.00, -1.81, -5.00
CIE LCh	95, 5.313, 250.129
Yxy	87.6183, 0.3016, 0.3209
Android (android.graphics.Color)	4293456634 (0xFFE8F2FA)
YUV	239.9220, 4.9685, -6.9476
Hunter-Lab	93.6047, -6.7910, 0.2374

Details

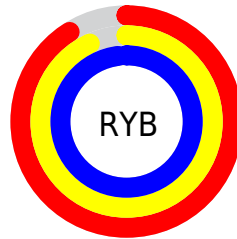
The CIELCh color `95, 5.313, 250.129` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 5.431, 68.243`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 5.562, 250.364` is the 20% darker color. If you saturate the color by 10%, you get `90, 12.560, 251.462`, and if you desaturate by 10%, it is `99, 1.688, 87.768`.

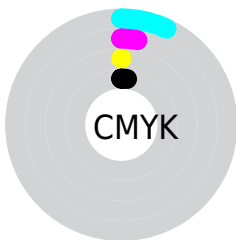
Distribution



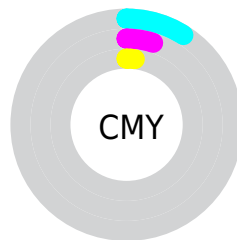
- Red (91%)
- Green (95%)
- Blue (98%)



- Red (91%)
- Yellow (93%)
- Blue (98%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)




- Cyan (9%)
- Magenta (5%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 5.313, 250.129 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 CIELCh color 95, 5.313, 250.129 by changing the saturation by 10% instead.

 95, 5.313, 250.129

 95, 5.313, 250.129

 100, 5.313,
250.129

 85, 5.313, 250.129


 75, 5.313, 250.129

 65, 5.313, 250.129

 55, 5.313, 250.129

 45, 5.313, 250.129

 35, 5.313, 250.129

 25, 5.313, 250.129

 15, 5.313, 250.129

 5, 5.313, 250.129

95, 5.313, 250.129

95, 5.313, 250.129

90, 12.560,
251.462

99, 1.688, 87.768

86, 19.626,
253.145

100, 2.489,
109.961

82, 26.466,
255.188

77, 33.044,
257.657

73, 39.346,
260.620

69, 45.389,
264.132

65, 51.245,
268.206

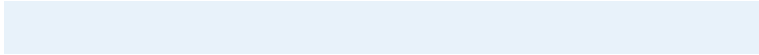
62, 57.037,
272.778

■ 58, 62.926,
277.670

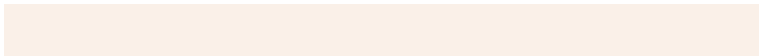
Harmonies

Complementary

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



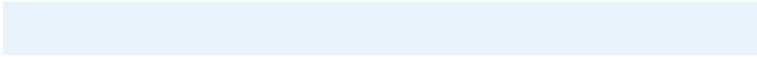
95, 5.313, 250.129



95, 5.431, 68.243

Rectangle

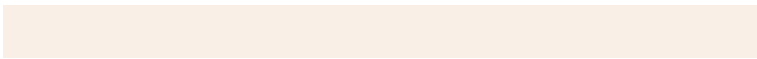
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 5.313, 250.129



95, 5.313, 300.129



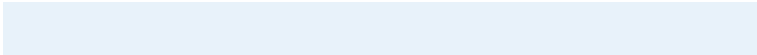
95, 5.313, 70.129



95, 5.313, 120.129

Sweetspot

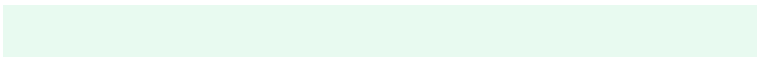
The Sweet Spot groups the original color and five complimentary colors.



95, 5.312, 250.105



99, 1.512, 249.702



97, 8.237, 159.714



53, 0.860, 249.708



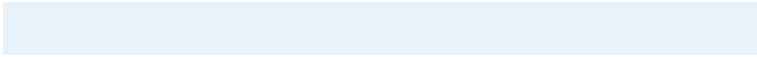
0, 0.000, 0.000



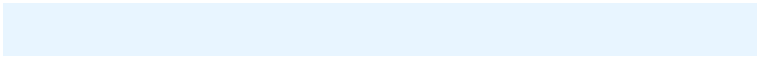
53, 0.007, 296.813

Same Dimension

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



95, 5.312, 250.105



96, 6.735, 250.323



93, 8.685, 288.146



50, 4.183, 250.384



44, 51.490, 278.105



13, 20.787, 270.777

Inverse Universe

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



94, 8.241, 341.279



94, 10.489, 341.439



98, 8.550, 106.619



49, 6.520, 341.481



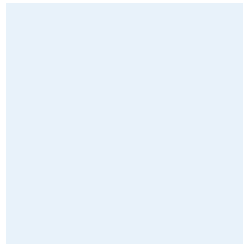
41, 68.494, 356.871



10, 31.691, 351.942

Previews

White Background



This preview shows how the CIELCh color 95, 5.313, 250.129 looks on a white background.

Color Contrast Check

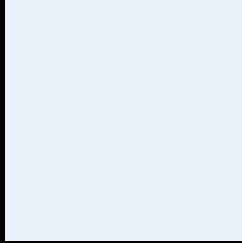
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 95, 5.313, 250.129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

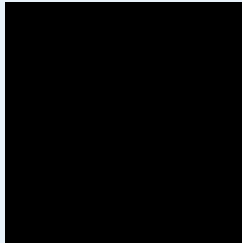
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

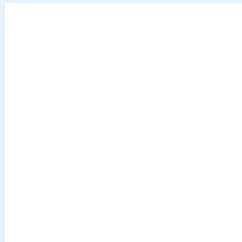
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 5.313, 250.129

Background



This preview shows how black text looks on a background with the CIELCh color 95, 5.313, 250.129.



This preview shows how white text looks on a background with the CIELCh color 95, 5.313, 250.129.

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](#).

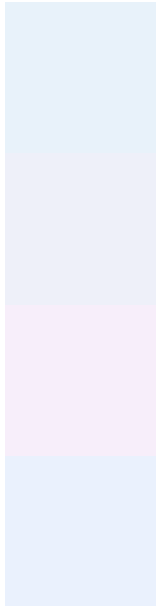
Dichromacy





Tritanopia
95, 7.445, 274.736

Trichromacy



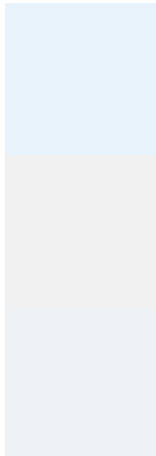
Original Color
95, 5.313, 250.129

Protanomaly
95, 4.672, 282.015

Deuteranomaly
95, 6.963, 317.467

Tritanomaly
95, 6.578, 269.254

Monochromacy



Original Color
95, 5.313, 250.129

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.070, 247.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 5.313, 250.129 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(232, 242, 250)` looks like.

```
.text, #text, p{  
    color:rgb(232, 242, 250)  
}
```

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(232, 242, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 242, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 5.313, 250.129 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(232, 242, 250) }
```

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

```
.border{ border-color:rgb(232, 242, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 242, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 242, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 242, 250);  
box-shadow:4px 4px 4px 4px rgb(232, 242,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 5.313, 250.129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 242, 250) }
```

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

```
.background{ background-color: rgb(232,  
242, 250) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor