

Converting Colors

CIELCh(95, 6.701, 202.160)

Have a look what the booklet for
CIELCh(95, 6.701, 202.160) contains.

CIELCh(95, 6.563, 203.578)	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, 6.563, 203.578)

Conversions

Conversions Part 1

Format	Color
Hex	E1F4F5
RGB	225, 244, 245
RGB Percent	88%, 96%, 96%
CMY	0.1162, 0.0416, 0.0377
CMYK	0.08, 0.00, 0.00, 0.04
HSL	183°, 51%, 92%
HSV	183°, 8%, 96%
XYZ	80.1770, 87.6183, 99.3815
YIQ	238.4330, -11.6450, -3.7170

Conversions

Conversions Part 2

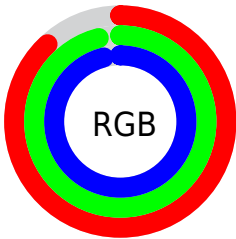
Format	Color
R _{YB}	225, 235, 245
Decimal	14808309
CIE Lab	95.00, -6.02, -2.63
CIE LCh	95, 6.563, 203.578
Yxy	87.6183, 0.3001, 0.3279
Android (android.graphics.Color)	4292998389 (0xFFE1F4F5)
YUV	238.4330, 3.2375, -11.7807
Hunter-Lab	93.6047, -10.9142, 2.5742

Details

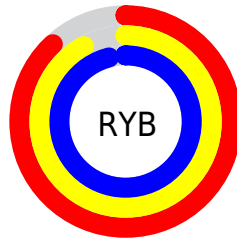
The CIELCh color `95, 6.563, 203.578` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `91, 6.918, 24.051`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 6.500, 203.753` is the 20% darker color. If you saturate the color by 10%, you get `93, 14.202, 203.184`, and if you desaturate by 10%, it is `97, 1.523, 23.418`.

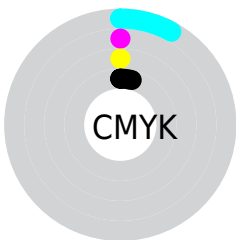
Distribution



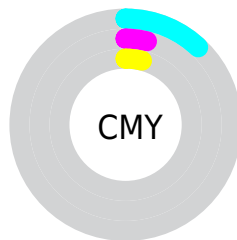
- Red (88%)
- Green (96%)
- Blue (96%)



- Red (88%)
- Yellow (92%)
- Blue (96%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (12%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 6.563, 203.578 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, 6.563, 203.578 by changing the saturation by 10% instead.

95, 6.563, 203.578

95, 6.563, 203.578

100, 6.563,
203.578

85, 6.563, 203.578

75, 6.563, 203.578

65, 6.563, 203.578

55, 6.563, 203.578

45, 6.563, 203.578

35, 6.563, 203.578

25, 6.563, 203.578

15, 6.563, 203.578

5, 6.563, 203.578

95, 6.563, 203.578

95, 6.563, 203.578

93, 14.202,
203.184

97, 1.523, 23.418

91, 21.263,
202.920

98, 2.976, 33.704

98, 2.794, 48.380

90, 27.610,
202.755

98, 2.813, 63.916

89, 33.112,
202.702

99, 3.028, 78.211

99, 3.402, 89.975

87, 37.652,
202.777

99, 3.889, 99.095

86, 41.149,
202.996

100, 4.451,
106.039

86, 43.573,
203.378

100, 4.863,
109.799

85, 44.962,
203.934

■ 85, 45.460,
204.664

Harmonies

Complementary

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



95, 6.563, 203.578



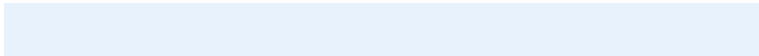
91, 6.918, 24.051

Rectangle

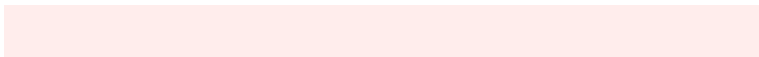
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



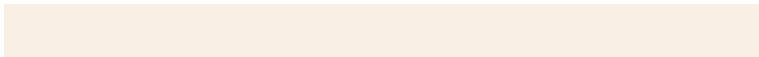
95, 6.563, 203.578



95, 6.563, 253.578



95, 6.563, 23.578



95, 6.563, 73.578

Sweetspot

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



95, 6.564, 203.560



100, 1.686, 204.086



95, 12.276, 144.884



53, 0.959, 204.111



0, 0.000, 0.000



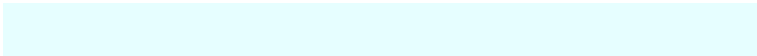
53, 0.007, 296.813

Same Dimension

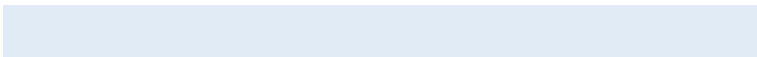
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 6.564, 203.560



98, 8.266, 203.477



93, 6.330, 260.082



50, 4.551, 203.500



66, 37.022, 204.654



20, 16.592, 203.490

Inverse Universe

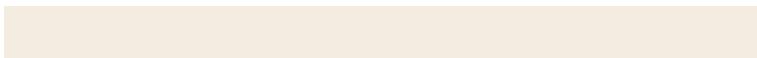
The Inverse Universe completely reimagines the original color for something new.



92, 12.160, 326.237



94, 15.404, 326.348



94, 6.419, 77.857



48, 8.467, 326.316



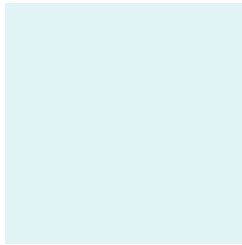
44, 87.732, 330.318



11, 39.209, 330.029

Previews

White Background



This preview shows how the CIELCh color 95, 6.563, 203.578 looks on a white background.

Color Contrast Check

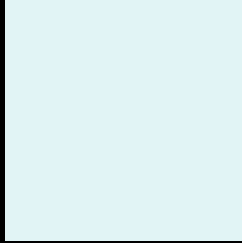
Large Text (above 18pt) WCAG AA × Fail

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, 6.563, 203.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

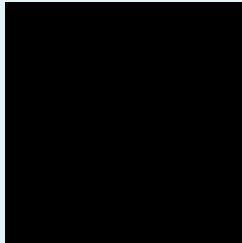
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

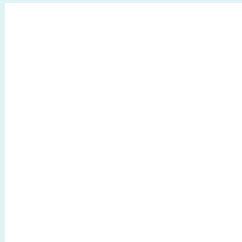
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 6.563, 203.578

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.563, 203.578.



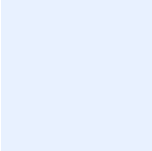
This preview shows how white text looks on a background with the CIELCh color 95, 6.563, 203.578.

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](#).

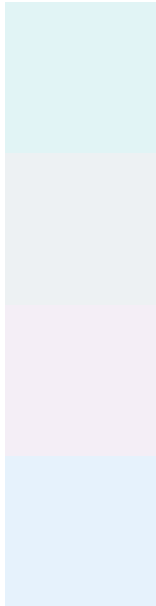
Dichromacy





Tritanopia
95, 7.768, 267.461

Trichromacy



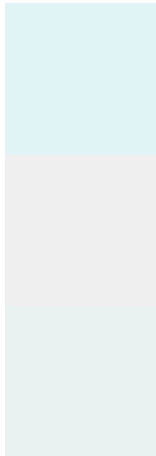
Original Color
95, 6.563, 203.578

Protanomaly
95, 1.729, 236.225

Deuteranomaly
95, 4.651, 317.384

Tritanomaly
95, 6.515, 251.496

Monochromacy



Original Color
95, 6.563, 203.578

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 2.451, 199.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 6.563, 203.578 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(225, 244, 245)` looks like.

```
.text, #text, p{  
    color:rgb(225, 244, 245)  
}
```

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(225, 244, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 244, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 6.563, 203.578 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(225, 244, 245) }
```

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

```
.border{ border-color:rgb(225, 244, 245) }
```

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

Here you see how a box with a 4 pixel rgb(225, 244, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 244, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 244, 245);  
box-shadow:4px 4px 4px 4px rgb(225, 244,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 6.563, 203.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 244, 245) }
```

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

```
.background{ background-color: rgb(225,  
244, 245) }
```

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