

Converting Colors

CIELCh(95, 1.682, 85.148)

Have a look what the booklet for
CIELCh(95, 1.682, 85.148) contains.

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Color

CIELCh(95, 1.678, 84.961)

Conversions

Conversions Part 1

Format	Color
Hex	F2F0ED
RGB	242, 240, 237
RGB Percent	95%, 94%, 93%
CMY	0.0495, 0.0573, 0.0691
CMYK	0.00, 0.01, 0.02, 0.05
HSL	36°, 17%, 94%
HSV	36°, 2%, 95%
XYZ	83.3556, 87.6183, 92.9235
YIQ	240.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

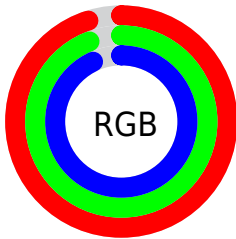
Format	Color
R _Y B	240, 242, 237
Decimal	15921389
CIE Lab	95.00, 0.15, 1.67
CIE LCh	95, 1.678, 84.961
Yxy	87.6183, 0.3159, 0.3320
Android (android.graphics.Color)	4294111469 (0xFF2F0ED)
YUV	240.2560, -1.6052, 1.5295
Hunter-Lab	93.6047, -4.8527, 6.6647

Details

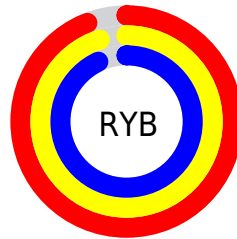
The CIELCh color **95, 1.678, 84.961** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95, 1.695, 265.954**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 1.767, 84.932** is the 20% darker color. If you saturate the color by 10%, you get **92, 10.013, 83.921**, and if you desaturate by 10%, it is **98, 3.632, 243.582**.

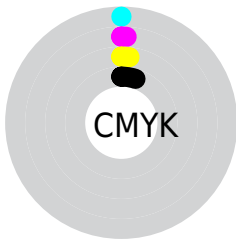
Distribution



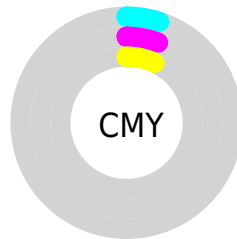
- Red (95%)
- Green (94%)
- Blue (93%)



- Red (94%)
- Yellow (95%)
- Blue (93%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (5%)

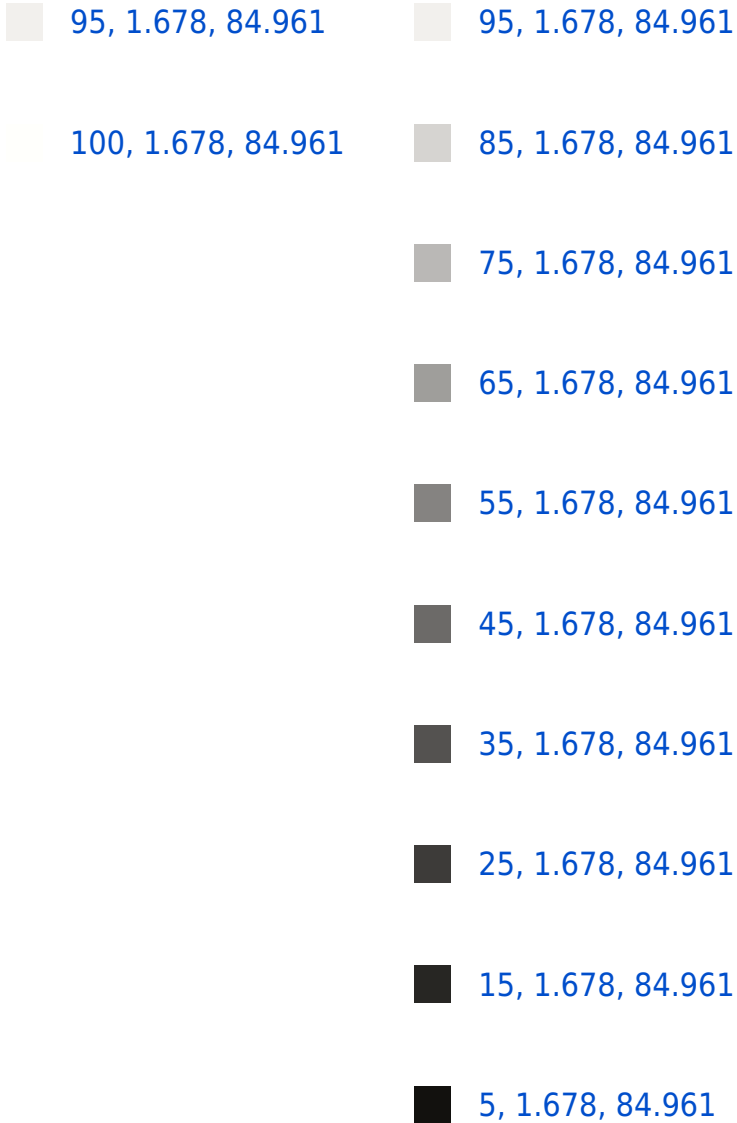


- Cyan (5%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 1.678, 84.961 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, 1.678, 84.961 by changing the saturation by 10% instead.



95, 1.678, 84.961

95, 1.678, 84.961

92, 10.013, 83.921

98, 3.632, 243.582

89, 18.602, 82.611

99, 4.355, 199.281

86, 27.445, 81.254

83, 36.514, 79.857

81, 45.725, 78.417

78, 54.895, 76.912

76, 63.657, 75.286

73, 71.349, 73.418

71, 76.992, 71.091

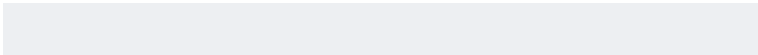
Harmonies

Complementary

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



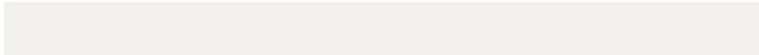
95, 1.678, 84.961



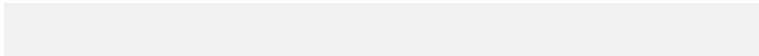
95, 1.695, 265.954

Rectangle

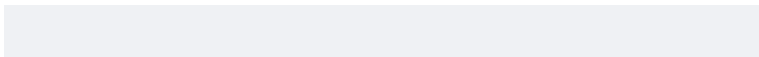
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



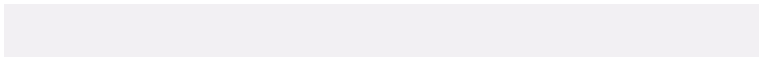
95, 1.678, 84.961



95, 1.678, 134.961



95, 1.678, 264.961



95, 1.678, 314.961

Sweetspot

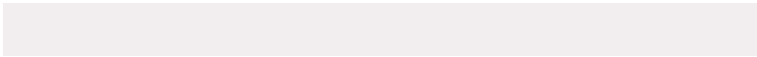
The Sweet Spot groups the original color and five complimentary colors.



95, 1.679, 85.039



100, 0.842, 84.959



94, 2.064, 349.350



53, 0.478, 84.943



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, 1.679, 85.039



99, 1.696, 85.040



95, 2.559, 113.930



51, 0.932, 85.042



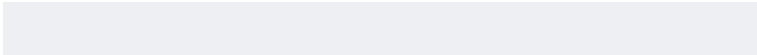
54, 65.361, 69.453



16, 25.049, 71.883

Inverse Universe

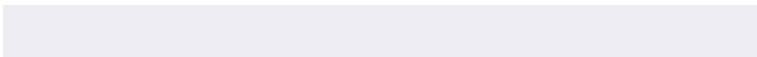
The Inverse Universe completely reimagines the original color for something new.



95, 1.695, 265.954



99, 1.712, 265.952



94, 2.592, 294.288



51, 0.941, 265.949



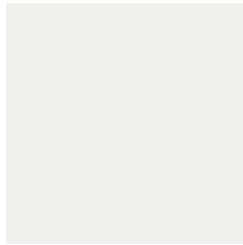
35, 69.129, 292.499



8, 26.465, 286.129

Previews

White Background



This preview shows how the CIE LCh color 95, 1.678, 84.961 looks on a white background.

Color Contrast Check

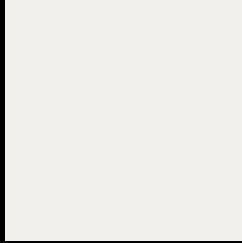
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 95, 1.678, 84.961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

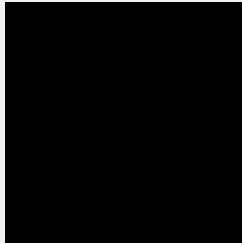
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

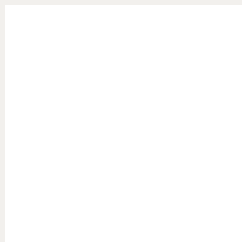
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 1.678, 84.961

Background



This preview shows how black text looks on a background with the CIELCh color 95, 1.678, 84.961.

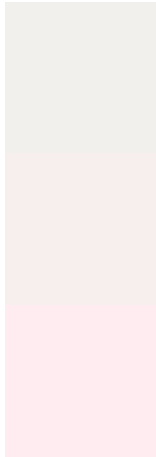


This preview shows how white text looks on a background with the CIELCh color 95, 1.678, 84.961.

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



Original Color

95, 1.678, 84.961

Protanopia

95, 2.685, 41.737

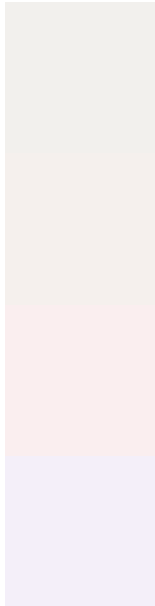
Deuteranopia

95, 7.104, 3.065



Tritanopia
95, 9.107, 306.246

Trichromacy



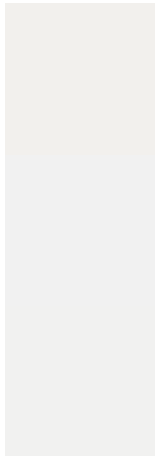
Original Color
95, 1.678, 84.961

Protanomaly
95, 2.335, 60.311

Deuteranomaly
95, 4.314, 12.738

Tritanomaly
95, 5.456, 309.220

Monochromacy



Original Color
95, 1.678, 84.961

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 0.502, 109.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 1.678, 84.961 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(242, 240, 237)` looks like.

```
.text, #text, p{  
    color:rgb(242, 240, 237)  
}
```

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(242, 240, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 240, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 1.678, 84.961 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(242, 240, 237) }
```

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

```
.border{ border-color:rgb(242, 240, 237) }
```

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

Here you see how a box with a 4 pixel rgb(242, 240, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 240, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 240, 237);  
box-shadow:4px 4px 4px 4px rgb(242, 240,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 1.678, 84.961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 240, 237) }
```

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

```
.background{ background-color: rgb(242,  
240, 237) }
```

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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