

Converting Colors

CIE LCh(95, 5.204, 356.566)

Have a look what the booklet for
CIELCh(95, 5.204, 356.566) contains.

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Color

CIELCh(95, 5.404, 357.376)

Conversions

Conversions Part 1

Format	Color
Hex	FBEDF1
RGB	251, 237, 241
RGB Percent	98%, 93%, 95%
CMY	0.0148, 0.0697, 0.0540
CMYK	0.00, 0.06, 0.04, 0.01
HSL	343°, 65%, 96%
HSV	343°, 6%, 99%
XYZ	86.1294, 87.6183, 95.7719
YIQ	241.6420, 7.0600, 4.2120

Conversions

Conversions Part 2

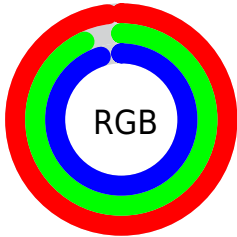
Format	Color
R _Y B	251, 237, 241
Decimal	16510449
CIE Lab	95.00, 5.40, -0.25
CIE LCh	95, 5.404, 357.376
Yxy	87.6183, 0.3196, 0.3251
Android (android.graphics.Color)	4294700529 (0xFFFBEDF1)
YUV	241.6420, -0.3165, 8.2070
Hunter-Lab	93.6047, 0.4369, 4.8605

Details

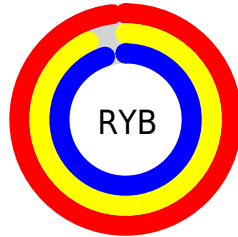
The CIELCh color $95, 5.404, 357.376$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $98, 5.304, 176.569$, and the grayscale version is $95, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $75, 5.338, 355.964$ is the 20% darker color. If you saturate the color by 10%, you get $88, 15.418, 358.504$, and if you desaturate by 10%, it is $100, 1.309, 199.829$.

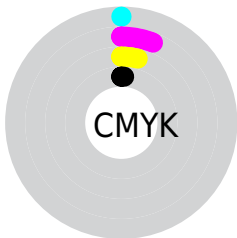
Distribution



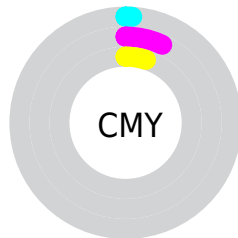
- Red (98%)
- Green (93%)
- Blue (95%)



- Red (98%)
- Yellow (93%)
- Blue (95%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (1%)



- Cyan (1%)
- Magenta (7%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 5.404, 357.376 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, 5.404, 357.376 by changing the saturation by 10% instead.

 95, 5.404, 357.376

 95, 5.404, 357.376

 100, 5.404,
357.376

 85, 5.404, 357.376

 75, 5.404, 357.376

 65, 5.404, 357.376

 55, 5.404, 357.376

 45, 5.404, 357.376

 35, 5.404, 357.376

 25, 5.404, 357.376

 15, 5.404, 357.376

 5, 5.404, 357.376

95, 5.404, 357.376

95, 5.404, 357.376

88, 15.418,
358.504

100, 1.309,
199.829

82, 25.797,
359.737

76, 36.396, 1.192

70, 46.970, 2.955

65, 57.156, 5.141

61, 66.492, 7.898

57, 74.516, 11.402

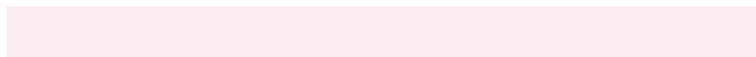
55, 80.954, 15.805

53, 85.936, 21.120

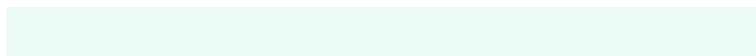
Harmonies

Complementary

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



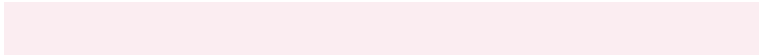
95, 5.404, 357.376



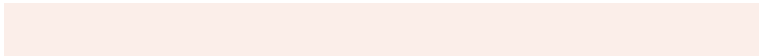
98, 5.304, 176.569

Rectangle

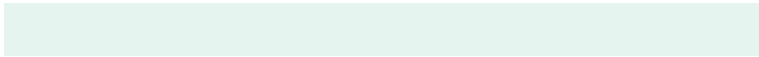
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



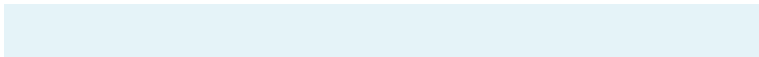
95, 5.404, 357.376



95, 5.404, 47.376



95, 5.404, 177.376



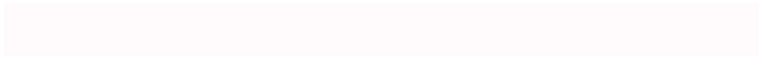
95, 5.404, 227.376

Sweetspot

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



95, 5.402, 357.391



99, 1.950, 356.861



95, 8.010, 315.940



53, 1.109, 356.837



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

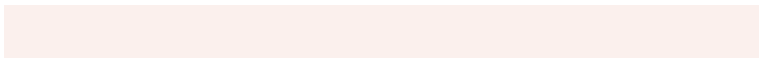
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 5.402, 357.391



95, 6.890, 357.553



96, 4.242, 39.213



49, 4.409, 357.619



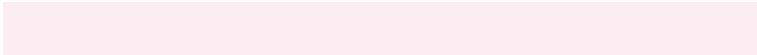
40, 70.468, 22.503



9, 30.620, 12.979

Inverse Universe

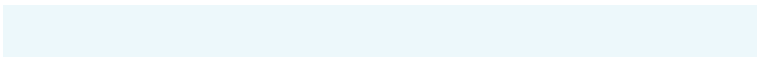
The Inverse Universe completely reimagines the original color for something new.



95, 5.402, 357.391



95, 6.890, 357.553



97, 4.102, 219.779



49, 4.409, 357.619



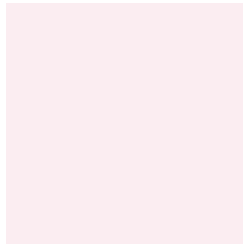
40, 70.468, 22.503



9, 30.620, 12.979

Previews

White Background



This preview shows how the CIELCh color 95, 5.404, 357.376 looks on a white background.

Color Contrast Check

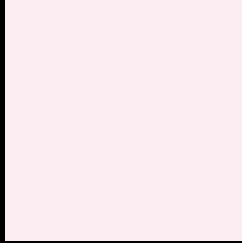
Large Text (above 18pt) WCAG AA × Fail

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, 5.404, 357.376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

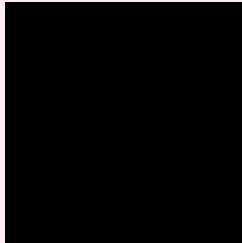
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 5.404, 357.376

Background



This preview shows how black text looks on a background with the CIELCh color 95, 5.404, 357.376.

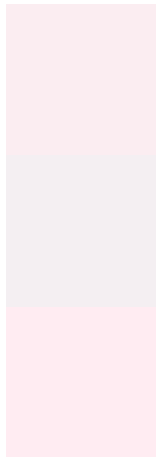


This preview shows how white text looks on a background with the CIELCh color 95, 5.404, 357.376.

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, 5.404, 357.376

Protanopia

95, 2.364, 338.603

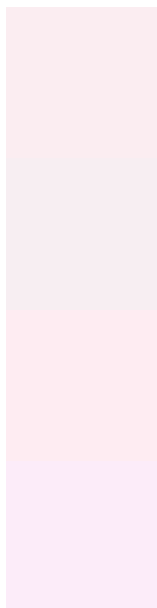
Deuteranopia

95, 7.455, 355.504



Tritanopia
95, 11.671, 323.389

Trichromacy



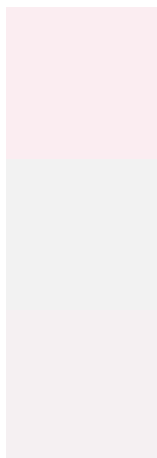
Original Color
95, 5.404, 357.376

Protanomaly
95, 3.814, 346.941

Deuteranomaly
95, 7.130, 354.279

Tritanomaly
95, 8.778, 330.446

Monochromacy



Original Color
95, 5.404, 357.376

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.059, 349.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 5.404, 357.376 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(251, 237, 241)` looks like.

```
.text, #text, p{  
    color:rgb(251, 237, 241)  
}
```

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(251, 237, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 237, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 5.404, 357.376 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(251, 237, 241) }
```

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

```
.border{ border-color:rgb(251, 237, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 237, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 237, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 237, 241);  
box-shadow:4px 4px 4px 4px rgb(251, 237,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 5.404, 357.376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 237, 241) }
```

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

```
.background{ background-color: rgb(251,  
237, 241) }
```

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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