

Converting Colors

CIELCh(98, 17.982, 22.674)

Have a look what the booklet for
CIELCh(98, 17.982, 22.674) contains.

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Color

CIELCh(95, 6.189, 29.204)

Conversions

Conversions Part 1

Format	Color
Hex	FEEDEB
RGB	254, 237, 235
RGB Percent	100%, 93%, 92%
CMY	0.0041, 0.0706, 0.0785
CMYK	0.00, 0.07, 0.07, 0.00
HSL	6°, 90%, 96%
HSV	6°, 7%, 100%
XYZ	86.1315, 87.6183, 90.9564
YIQ	241.8550, 10.7740, 2.9820

Conversions

Conversions Part 2

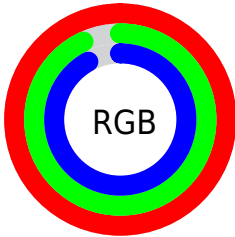
Format	Color
R_{YB}	254, 237, 235
Decimal	16707051
CIE Lab	95.00, 5.40, 3.02
CIE LCh	95, 6.189, 29.204
Yxy	87.6183, 0.3254, 0.3310
Android (android.graphics.Color)	4294897131 (0xFFFEDEB)
YUV	241.8550, -3.3795, 10.6512
Hunter-Lab	93.6047, 0.4409, 7.9107

Details

The CIELCh color **95, 6.189, 29.204** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **98, 5.896, 209.154**, 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, 6.165, 29.842** is the 20% darker color. If you saturate the color by 10%, you get **89, 15.084, 29.637**, and if you desaturate by 10%, it is **100, 0.359, 201.229**.

Distribution



Red (100%)

Green (93%)

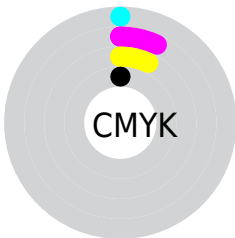
Blue (92%)



Red (100%)

Yellow (93%)

Blue (92%)



Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 6.189, 29.204 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, 6.189, 29.204 by changing the saturation by 10% instead.

 95, 6.189, 29.204

 95, 6.189, 29.204

 100, 6.189, 29.204

 85, 6.189, 29.204

 75, 6.189, 29.204

 65, 6.189, 29.204

 55, 6.189, 29.204

 45, 6.189, 29.204

 35, 6.189, 29.204

 25, 6.189, 29.204

 15, 6.189, 29.204

 5, 6.189, 29.204

95, 6.189, 29.204

95, 6.189, 29.204

89, 15.084, 29.637

100, 0.359,
201.229

83, 24.732, 30.177

77, 35.146, 30.938

72, 46.292, 31.991

67, 58.049, 33.402

62, 70.172, 35.206

59, 82.201, 37.337

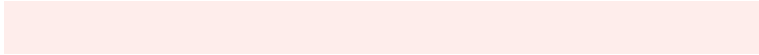
56, 93.165, 39.449

54, 101.067,
40.705

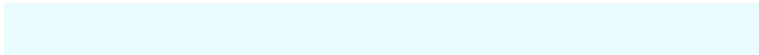
Harmonies

Complementary

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



95, 6.189, 29.204



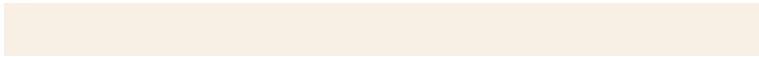
98, 5.896, 209.154

Rectangle

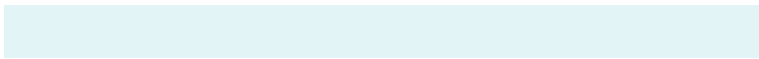
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



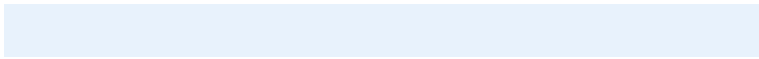
95, 6.189, 29.204



95, 6.189, 79.204



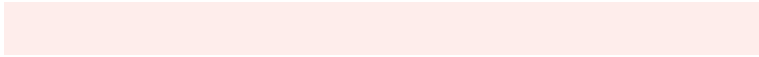
95, 6.189, 209.204



95, 6.189, 259.204

Sweetspot

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



95, 6.188, 29.227



99, 1.624, 28.792



95, 11.067, 327.676



53, 0.923, 28.769



0, 0.000, 0.000



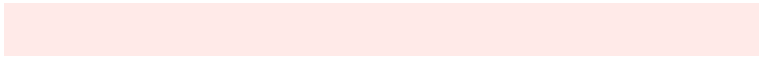
53, 0.007, 296.813

Same Dimension

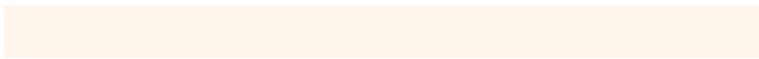
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 6.188, 29.227



94, 7.523, 29.289



97, 6.390, 84.414



50, 4.762, 29.309



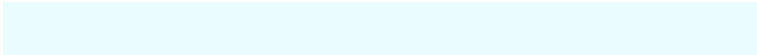
41, 82.595, 41.233



11, 31.397, 32.345

Inverse Universe

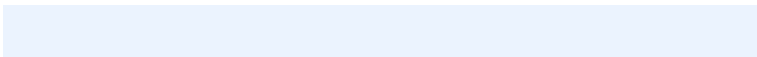
The Inverse Universe completely reimagines the original color for something new.



98, 5.896, 209.154



98, 7.094, 209.117



95, 6.357, 266.465



52, 4.475, 209.106



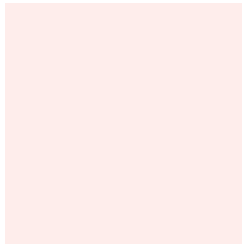
64, 35.800, 215.352



21, 16.630, 212.800

Previews

White Background



This preview shows how the CIELCh color 95, 6.189, 29.204 looks on a white background.

Color Contrast Check

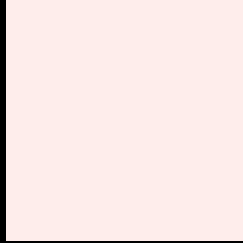
Large Text (above 18pt) WCAG AA × Fail

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, 6.189, 29.204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

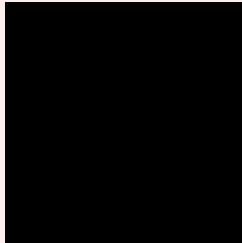
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

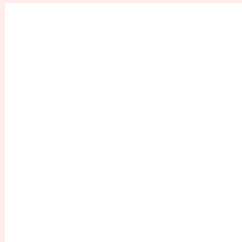
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 6.189, 29.204

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.189, 29.204.

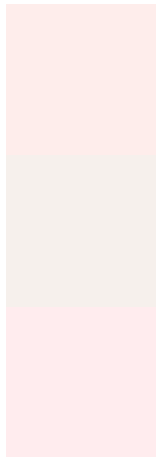


This preview shows how white text looks on a background with the CIELCh color 95, 6.189, 29.204.

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, 6.195, 29.206

Protanopia

95, 2.944, 63.305

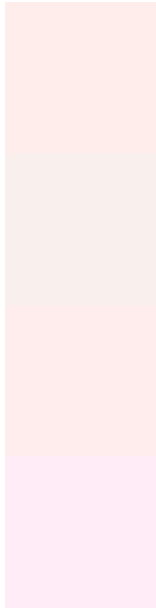
Deuteranopia

95, 6.891, 11.254



Tritanopia
95, 11.254, 329.283

Trichromacy



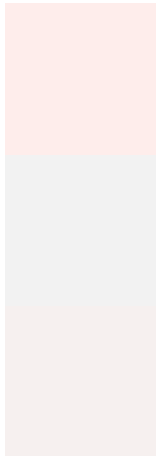
Original Color
95, 6.195, 29.206

Protanomaly
95, 3.880, 42.758

Deuteranomaly
95, 6.841, 15.497

Tritanomaly
95, 8.495, 342.813

Monochromacy



Original Color
95, 6.195, 29.206

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.186, 32.794

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 6.189, 29.204 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(254, 237, 235)` looks like.

```
.text, #text, p{  
    color:rgb(254, 237, 235)  
}
```

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(254, 237, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 237, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 6.189, 29.204 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(254, 237, 235) }
```

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

```
.border{ border-color:rgb(254, 237, 235) }
```

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

Here you see how a box with a 4 pixel rgb(254, 237, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 237, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 237, 235);  
box-shadow:4px 4px 4px 4px rgb(254, 237,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 6.189, 29.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 237, 235) }
```

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

```
.background{ background-color: rgb(254,  
237, 235) }
```

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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