

Converting Colors

CIELCh(95, 6.755, 2.121)

Have a look what the booklet for
CIELCh(95, 6.755, 2.121) contains.

CIELCh(95, 6.760, 2.149)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(95, 6.760, 2.149)

Conversions

Conversions Part 1

Format	Color
Hex	FEECF0
RGB	254, 236, 240
RGB Percent	100%, 93%, 94%
CMY	0.0026, 0.0732, 0.0576
CMYK	0.00, 0.07, 0.06, 0.00
HSL	347°, 93%, 96%
HSV	347°, 7%, 100%
XYZ	86.8561, 87.6183, 95.0229
YIQ	241.8380, 9.4440, 5.0600

Conversions

Conversions Part 2

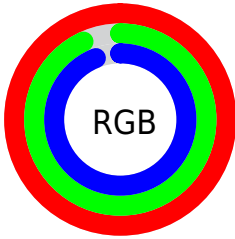
Format	Color
R _Y B	254, 236, 240
Decimal	16706800
CIE Lab	95.00, 6.76, 0.25
CIE LCh	95, 6.760, 2.149
Yxy	87.6183, 0.3223, 0.3251
Android (android.graphics.Color)	4294896880 (0xFFFEECF0)
YUV	241.8380, -0.9061, 10.6661
Hunter-Lab	93.6047, 1.8226, 5.3350

Details

The CIELCh color **95, 6.760, 2.149** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **98, 6.579, 181.035**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 6.756, 1.337** is the 20% darker color. If you saturate the color by 10%, you get **88, 16.715, 3.286**, and if you desaturate by 10%, it is **100, 0.233, 202.230**.

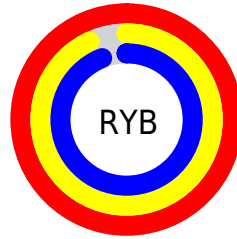
Distribution



Red (100%)

Green (93%)

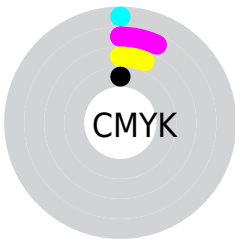
Blue (94%)



Red (100%)

Yellow (93%)

Blue (94%)

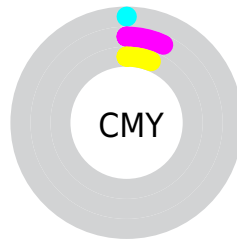


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 6.760, 2.149 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, 6.760, 2.149 by changing the saturation by 10% instead.

 95, 6.760, 2.149

 95, 6.760, 2.149

 100, 6.760, 2.149

 85, 6.760, 2.149

 75, 6.760, 2.149

 65, 6.760, 2.149

 55, 6.760, 2.149

 45, 6.760, 2.149

 35, 6.760, 2.149

 25, 6.760, 2.149

 15, 6.760, 2.149

 5, 6.760, 2.149

95, 6.760, 2.149

95, 6.760, 2.149

88, 16.715, 3.286

100, 0.233,
202.230

82, 27.102, 4.570

76, 37.787, 6.112

70, 48.534, 8.011

65, 58.994, 10.393

61, 68.729, 13.416

57, 77.327, 17.240

55, 84.580, 21.947

54, 90.631, 27.377

Harmonies

Complementary

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



95, 6.760, 2.149



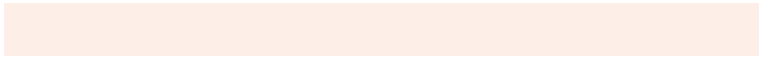
98, 6.579, 181.035

Rectangle

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



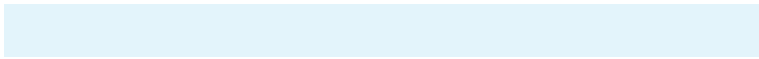
95, 6.760, 2.149



95, 6.760, 52.149



95, 6.760, 182.149



95, 6.760, 232.149

Sweetspot

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



95, 6.758, 2.163



99, 1.892, 1.450



95, 10.480, 318.089



53, 1.075, 1.424



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

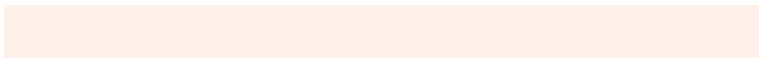
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 6.758, 2.163



95, 7.673, 2.265



96, 5.321, 46.969



50, 5.473, 2.430



40, 73.885, 27.900



10, 31.856, 17.585

Inverse Universe

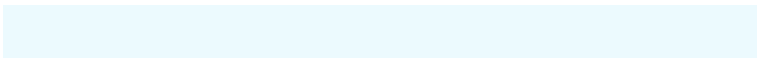
The Inverse Universe completely reimagines the original color for something new.



95, 6.758, 2.163



95, 7.673, 2.265



97, 5.113, 227.984



50, 5.473, 2.430



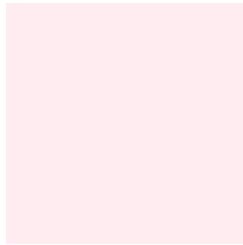
40, 73.885, 27.900



10, 31.856, 17.585

Previews

White Background



This preview shows how the CIE LCh color 95, 6.760, 2.149 looks on a white background.

Color Contrast Check

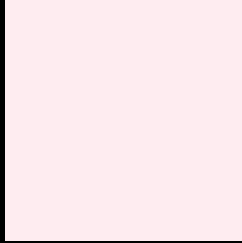
Large Text (above 18pt) WCAG AA × Fail

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, 6.760, 2.149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

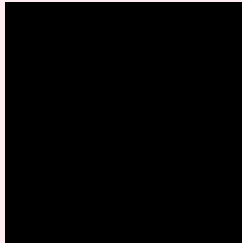
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

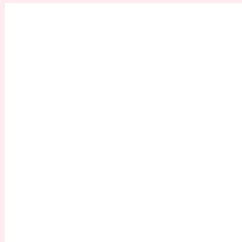
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 6.760, 2.149

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.760, 2.149.

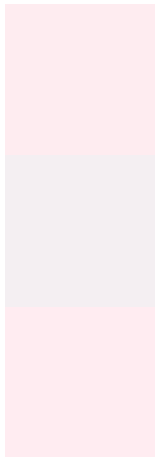


This preview shows how white text looks on a background with the CIELCh color 95, 6.760, 2.149.

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, 6.760, 2.149

Protanopia

95, 2.364, 338.603

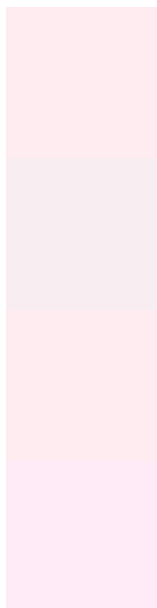
Deuteranopia

95, 7.263, 359.192



Tritanopia
95, 11.254, 329.283

Trichromacy



Original Color

95, 6.760, 2.149

Protanomaly

95, 3.886, 356.190

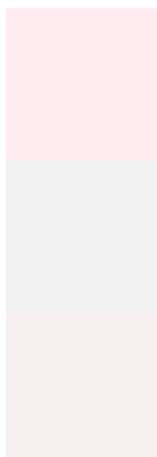
Deuteranomaly

95, 7.263, 359.192

Tritanomaly

95, 9.757, 336.903

Monochromacy



Original Color

95, 6.760, 2.149

Achromatopsia

95, 0.011, 296.813

Achromatomaly

95, 2.195, 5.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 6.760, 2.149 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, 236, 240)` looks like.

```
.text, #text, p{  
    color:rgb(254, 236, 240)  
}
```

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, 236, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 236, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 6.760, 2.149 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, 236, 240) }
```

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

```
.border{ border-color:rgb(254, 236, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 236, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 236, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 236, 240);  
box-shadow:4px 4px 4px 4px rgb(254, 236,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 6.760, 2.149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 236, 240) }
```

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

```
.background{ background-color: rgb(254,  
236, 240) }
```

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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