

Converting Colors

CIELCh(95, 6.117, 13.598)

Have a look what the booklet for
CIELCh(95, 6.117, 13.598) contains.

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Color

CIELCh(95, 6.112, 14.922)

Conversions

Conversions Part 1

Format	Color
Hex	FEEDDE
RGB	254, 237, 238
RGB Percent	100%, 93%, 93%
CMY	0.0049, 0.0715, 0.0676
CMYK	0.00, 0.07, 0.06, 0.00
HSL	356°, 87%, 96%
HSV	356°, 7%, 100%
XYZ	86.4007, 87.6183, 93.0671
YIQ	242.1970, 9.8110, 3.9150

Conversions

Conversions Part 2

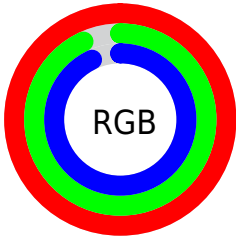
Format	Color
R_{YB}	254, 237, 238
Decimal	16707054
CIE Lab	95.00, 5.91, 1.57
CIE LCh	95, 6.112, 14.922
Yxy	87.6183, 0.3235, 0.3281
Android (android.graphics.Color)	4294897134 (0xFFFEEDDE)
YUV	242.1970, -2.0691, 10.3512
Hunter-Lab	93.6047, 0.9543, 6.5738

Details

The CIELCh color **95, 6.112, 14.922** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 5.882, 194.185**, 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, 6.065, 14.749** is the 20% darker color. If you saturate the color by 10%, you get **88, 15.792, 15.900**, and if you desaturate by 10%, it is **100, 0.430, 200.921**.

Distribution



Red (100%)

Green (93%)

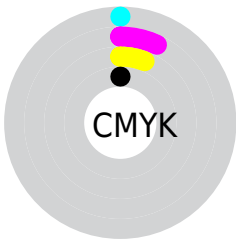
Blue (93%)



Red (100%)

Yellow (93%)

Blue (93%)



Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 6.112, 14.922 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, 6.112, 14.922 by changing the saturation by 10% instead.

	95, 6.112, 14.922		95, 6.112, 14.922
	100, 6.112, 14.922		85, 6.112, 14.922
			75, 6.112, 14.922
			65, 6.112, 14.922
			55, 6.112, 14.922
			45, 6.112, 14.922
			35, 6.112, 14.922
			25, 6.112, 14.922
			15, 6.112, 14.922
			5, 6.112, 14.922

95, 6.112, 14.922

95, 6.112, 14.922

88, 15.792, 15.900

100, 0.430,
200.921

82, 26.143, 17.036

76, 37.103, 18.464

70, 48.521, 20.293

65, 60.138, 22.646

60, 71.592, 25.643

57, 82.466, 29.329

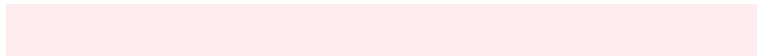
54, 92.261, 33.501

53, 100.003,
37.421

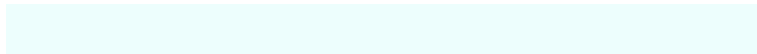
Harmonies

Complementary

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



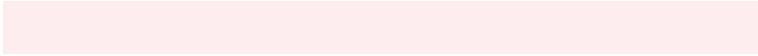
95, 6.112, 14.922



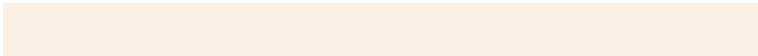
98, 5.882, 194.185

Rectangle

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



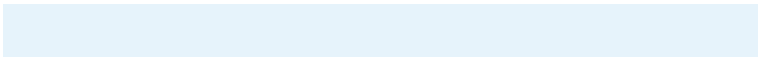
95, 6.112, 14.922



95, 6.112, 64.922



95, 6.112, 194.922



95, 6.112, 244.922

Sweetspot

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



95, 6.110, 14.941



99, 1.803, 14.327



95, 10.388, 322.955



53, 1.025, 14.301



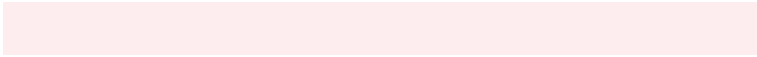
0, 0.000, 0.000



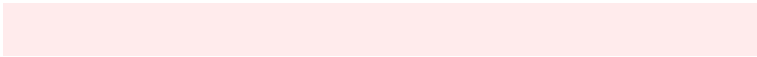
53, 0.007, 296.813

Same Dimension

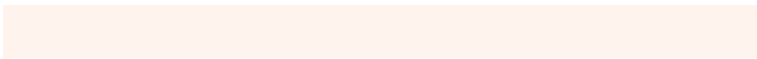
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 6.110, 14.941



95, 7.364, 15.065



97, 5.079, 67.032



50, 5.262, 15.206



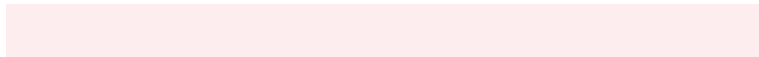
40, 81.792, 37.791



10, 32.899, 24.820

Inverse Universe

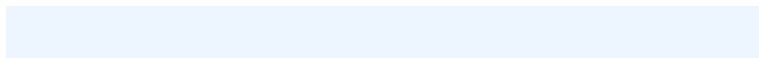
The Inverse Universe completely reimagines the original color for something new.



95, 6.110, 14.941



95, 7.364, 15.065



97, 4.972, 248.760



50, 5.262, 15.206



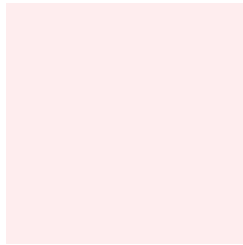
40, 81.792, 37.791



10, 32.899, 24.820

Previews

White Background



This preview shows how the CIE LCh color 95, 6.112, 14.922 looks on a white background.

Color Contrast Check

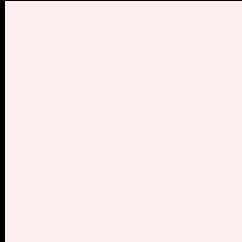
Large Text (above 18pt) WCAG AA × Fail

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, 6.112, 14.922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

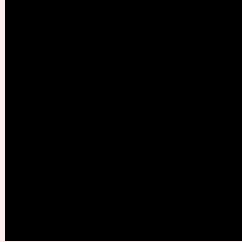
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

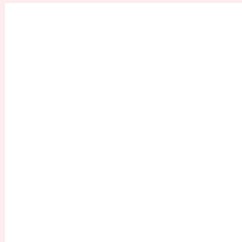
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 6.112, 14.922

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.112, 14.922.

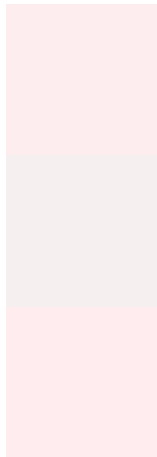


This preview shows how white text looks on a background with the CIELCh color 95, 6.112, 14.922.

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, 6.112, 14.922

Protanopia

95, 1.840, 35.324

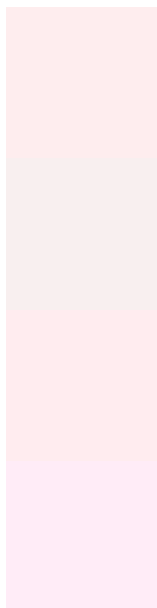
Deuteranopia

95, 6.980, 7.097



Tritanopia
95, 11.254, 329.283

Trichromacy



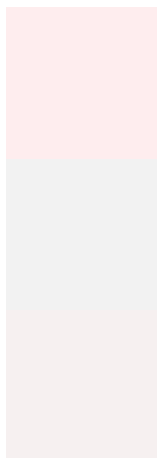
Original Color
95, 6.112, 14.922

Protanomaly
95, 3.203, 19.424

Deuteranomaly
95, 6.980, 7.097

Tritanomaly
95, 8.811, 340.156

Monochromacy



Original Color
95, 6.112, 14.922

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.129, 19.251

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 6.112, 14.922 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(254, 237, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 237, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 6.112, 14.922 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, 238) }
```

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

```
.border{ border-color:rgb(254, 237, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 237, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 237, 238);  
box-shadow:4px 4px 4px 4px rgb(254, 237,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 6.112, 14.922 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, 238) }
```

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

```
.background{ background-color: rgb(254,  
237, 238) }
```

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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