

Converting Colors

CIELCh(95, 6.500, 58.549)

Have a look what the booklet for
CIELCh(95, 6.500, 58.549) contains.

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Color

CIELCh(95, 6.500, 58.573)

Conversions

Conversions Part 1

Format	Color
Hex	FCEEE6
RGB	252, 238, 230
RGB Percent	99%, 93%, 90%
CMY	0.0115, 0.0664, 0.0977
CMYK	0.00, 0.06, 0.09, 0.01
HSL	22°, 79%, 95%
HSV	22°, 9%, 99%
XYZ	85.0609, 87.6183, 87.3449
YIQ	241.2740, 10.9120, 0.4800

Conversions

Conversions Part 2

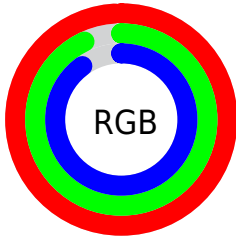
Format	Color
R _Y B	252, 243, 230
Decimal	16576230
CIE Lab	95.00, 3.39, 5.55
CIE LCh	95, 6.500, 58.573
Yxy	87.6183, 0.3271, 0.3370
Android (android.graphics.Color)	4294766310 (0xFFFC ^{EE} E6)
YUV	241.2740, -5.5581, 9.4067
Hunter-Lab	93.6047, -1.6007, 10.1983

Details

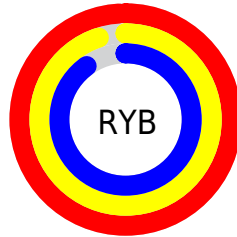
The CIELCh color **95, 6.500, 58.573** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 6.249, 240.439**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 6.223, 56.825** is the 20% darker color. If you saturate the color by 10%, you get **90, 14.437, 57.759**, and if you desaturate by 10%, it is **100, 0.839, 232.678**.

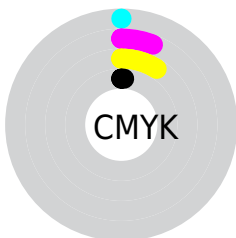
Distribution



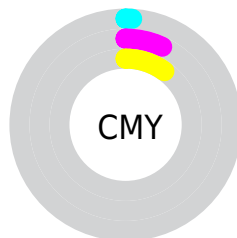
- Red (99%)
- Green (93%)
- Blue (90%)



- Red (99%)
- Yellow (95%)
- Blue (90%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (1%)



- Cyan (1%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 6.500, 58.573 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, 6.500, 58.573 by changing the saturation by 10% instead.



95, 6.500, 58.573

95, 6.500, 58.573

90, 14.437, 57.759

100, 0.839,
232.678

86, 22.941, 56.929

100, 1.016,
199.993

82, 32.050, 56.149

78, 41.777, 55.435

74, 52.071, 54.785

70, 62.755, 54.160

66, 73.389, 53.437

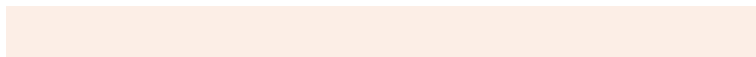
63, 83.023, 52.321

60, 90.271, 50.383

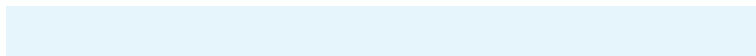
Harmonies

Complementary

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



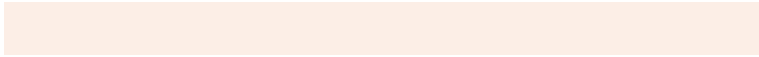
95, 6.500, 58.573



95, 6.249, 240.439

Rectangle

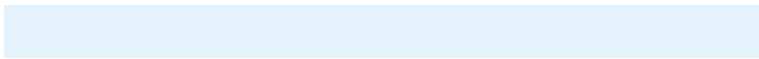
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 6.500, 58.573



95, 6.500, 108.573



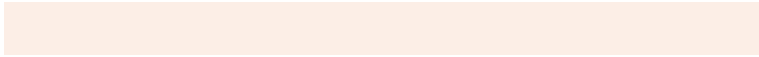
95, 6.500, 238.573



95, 6.500, 288.573

Sweetspot

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



95, 6.500, 58.598



99, 2.209, 58.949



93, 10.766, 336.972



52, 1.680, 58.930



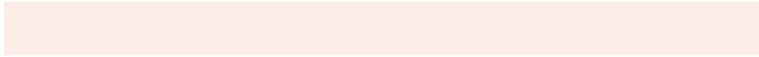
0, 0.000, 0.000



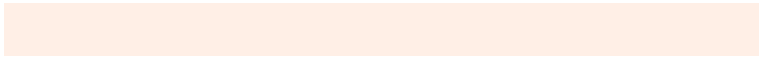
53, 0.007, 296.813

Same Dimension

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



95, 6.500, 58.598



95, 7.550, 58.494



98, 9.574, 102.278



50, 4.215, 58.536



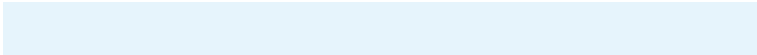
46, 72.840, 50.807



13, 26.583, 48.592

Inverse Universe

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



95, 6.249, 240.439



96, 7.212, 240.570



93, 9.709, 284.272



50, 4.036, 240.516



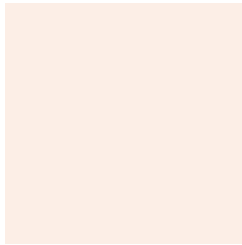
48, 43.785, 267.126



14, 18.213, 259.484

Previews

White Background



This preview shows how the CIE LCh color 95, 6.500, 58.573 looks on a white background.

Color Contrast Check

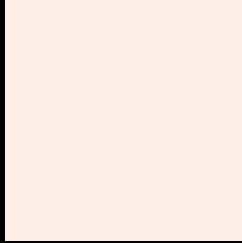
Large Text (above 18pt) WCAG AA × Fail

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, 6.500, 58.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

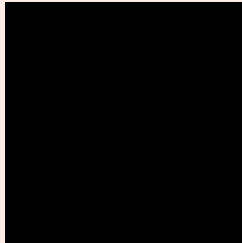
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

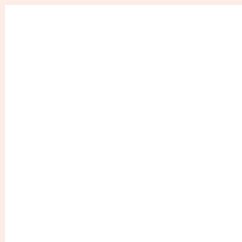
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 6.500, 58.573

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.500, 58.573.

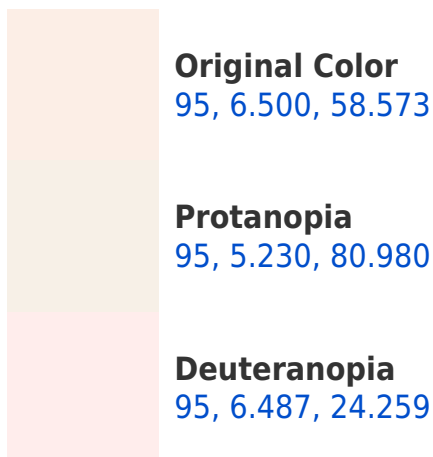


This preview shows how white text looks on a background with the CIELCh color 95, 6.500, 58.573.

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](#).

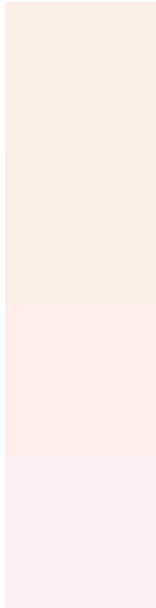
Dichromacy





Tritanopia
95, 11.655, 327.699

Trichromacy



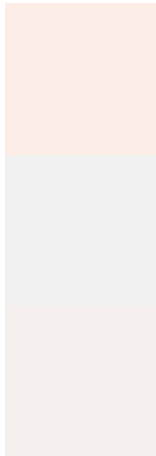
Original Color
95, 6.500, 58.573

Protanomaly
95, 5.436, 68.264

Deuteranomaly
95, 6.306, 33.775

Tritanomaly
95, 7.907, 344.181

Monochromacy



Original Color
95, 6.500, 58.573

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.335, 60.311

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 6.500, 58.573 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(252, 238, 230)` looks like.

```
.text, #text, p{  
    color:rgb(252, 238, 230)  
}
```

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(252, 238, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 238, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 6.500, 58.573 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(252, 238, 230) }
```

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

```
.border{ border-color:rgb(252, 238, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 238, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 238, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 238, 230); box-shadow:4px 4px 4px 4px rgb(252, 238, 230) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 6.500, 58.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 238, 230) }
```

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

```
.background{ background-color: rgb(252,  
238, 230) }
```

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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