

Converting Colors

CIELCh(98, 23.949, 43.290)

Have a look what the booklet for
CIELCh(98, 23.949, 43.290) contains.

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Color

CIELCh(95, 11.788, 75.019)

Conversions

Conversions Part 1

Format	Color
Hex	FFEEDB
RGB	255, 238, 219
RGB Percent	100%, 93%, 86%
CMY	0.0000, 0.0671, 0.1417
CMYK	0.00, 0.07, 0.14, 0.00
HSL	32°, 100%, 93%
HSV	32°, 14%, 100%
XYZ	84.8799, 87.6183, 79.3651
YIQ	240.9170, 16.2310, -2.3050

Conversions

Conversions Part 2

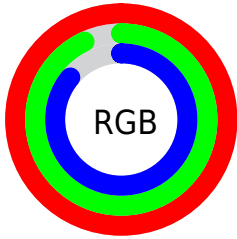
Format	Color
RYP	251, 255, 219
Decimal	16772827
CIE Lab	95.00, 3.05, 11.39
CIE LCh	95, 11.788, 75.019
Yxy	87.6183, 0.3370, 0.3479
Android (android.graphics.Color)	4294962907 (0xFFFFEEDB)
YUV	240.9170, -10.8051, 12.3508
Hunter-Lab	93.6047, -1.9459, 15.2527

Details

The CIELCh color **95, 11.788, 75.019** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 11.258, 260.229**, 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, 11.542, 76.361** is the 20% darker color. If you saturate the color by 10%, you get **91, 20.223, 75.117**, and if you desaturate by 10%, it is **98, 3.337, 77.578**.

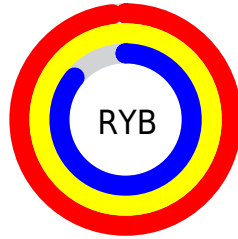
Distribution



Red (100%)

Green (93%)

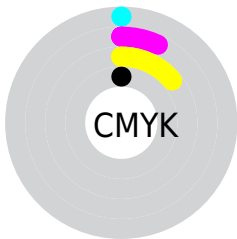
Blue (86%)



Red (98%)

Yellow (100%)

Blue (86%)

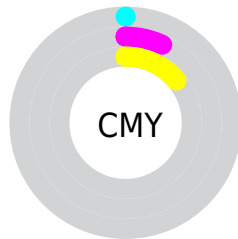


Cyan (0%)

Magenta (7%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 11.788, 75.019 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, 11.788, 75.019 by changing the saturation by 10% instead.

 95, 11.788, 75.019

 95, 11.788, 75.019

 100, 11.788,
75.019

 85, 11.788, 75.019

 75, 11.788, 75.019

 65, 11.788, 75.019

 55, 11.788, 75.019

 45, 11.788, 75.019

 35, 11.788, 75.019

 25, 11.788, 75.019

 15, 11.788, 75.019

 5, 11.788, 75.019

95, 11.788, 75.019

95, 11.788, 75.019

91, 20.223, 75.117

98, 3.337, 77.578

88, 29.215, 73.805

100, 0.012,
296.813

85, 38.565, 72.470

81, 48.204, 71.106

78, 57.951, 69.682

75, 67.416, 68.120

72, 75.852, 66.247

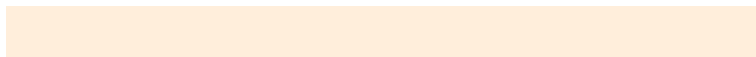
70, 82.111, 63.755

68, 84.676, 62.010

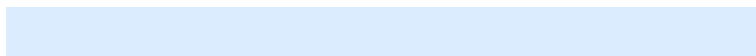
Harmonies

Complementary

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



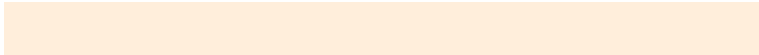
95, 11.788, 75.019



93, 11.258, 260.229

Rectangle

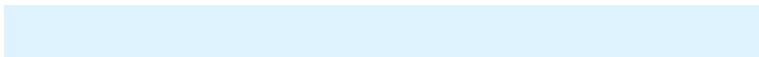
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 11.788, 75.019



95, 11.788, 125.019



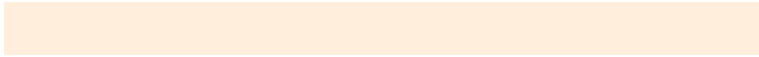
95, 11.788, 255.019



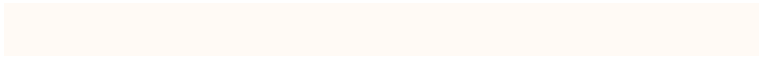
95, 11.788, 305.019

Sweetspot

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



95, 11.601, 76.398



99, 3.200, 77.594



91, 15.820, 345.773



52, 2.279, 77.521



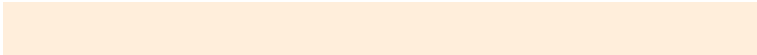
0, 0.000, 0.000



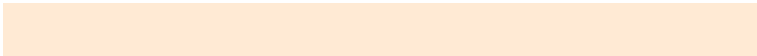
53, 0.007, 296.813

Same Dimension

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



95, 11.601, 76.398



94, 14.005, 76.040



99, 18.272, 109.490



51, 4.608, 76.976



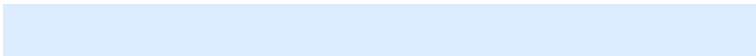
52, 67.997, 62.711



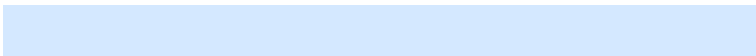
17, 27.025, 64.474

Inverse Universe

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



93, 11.258, 260.229



91, 13.496, 260.676



88, 18.879, 292.329



50, 4.524, 259.546



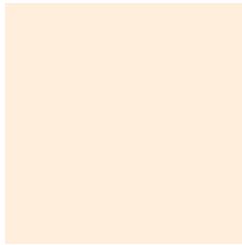
40, 61.445, 286.666



11, 24.890, 280.324

Previews

White Background



This preview shows how the CIELCh color 95, 11.788, 75.019 looks on a white background.

Color Contrast Check

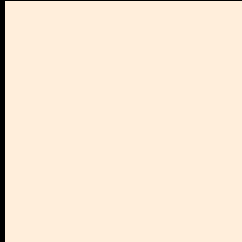
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 95, 11.788, 75.019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

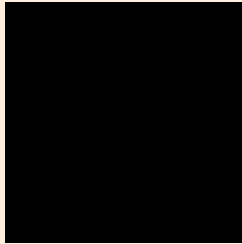
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 11.788, 75.019

Background



This preview shows how black text looks on a background with the CIELCh color 95, 11.788, 75.019.



This preview shows how white text looks on a background with the CIELCh color 95, 11.788, 75.019.

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](#).

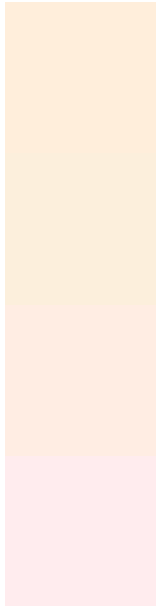
Dichromacy





Tritanopia
95, 10.113, 334.785

Trichromacy



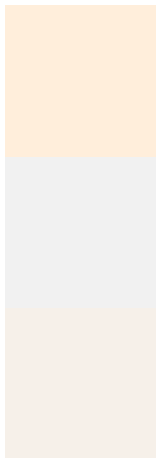
Original Color
95, 11.570, 76.549

Protanomaly
95, 10.823, 83.183

Deuteranomaly
95, 8.313, 57.612

Tritanomaly
95, 6.891, 11.254

Monochromacy



Original Color
95, 11.570, 76.549

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 4.159, 78.711

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 11.788, 75.019 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(255, 238, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 219)  
}
```

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(255, 238, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 11.788, 75.019 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(255, 238, 219) }
```

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

```
.border{ border-color:rgb(255, 238, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 238, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 11.788, 75.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 219) }
```

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

```
.background{ background-color: rgb(255,  
238, 219) }
```

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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