

Converting Colors

CIELCh(100, 35.879, 59.795)

Have a look what the booklet for
CIELCh(100, 35.879, 59.795)
contains.

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Color

CIELCh(95, 23.568, 95.274)

Conversions

Conversions Part 1

Format	Color
Hex	FEF0C3
RGB	254, 240, 195
RGB Percent	100%, 94%, 76%
CMY	0.0026, 0.0574, 0.2338
CMYK	0.00, 0.05, 0.23, 0.00
HSL	46°, 98%, 88%
HSV	46°, 23%, 100%
XYZ	82.1525, 87.6183, 64.4330
YIQ	239.0560, 22.7890, -11.0270

Conversions

Conversions Part 2

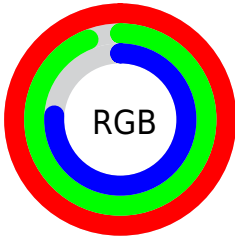
Format	Color
R _Y B	213, 254, 195
Decimal	16707779
CIE Lab	95.00, -2.17, 23.47
CIE LCh	95, 23.568, 95.274
Yxy	87.6183, 0.3508, 0.3741
Android (android.graphics.Color)	4294897859 (0xFFFEF0C3)
YUV	239.0560, -21.7196, 13.1059
Hunter-Lab	93.6047, -7.1470, 24.7109

Details

The CIELCh color **95, 23.568, 95.274** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 24.013, 281.309**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **75, 23.644, 95.012** is the 20% darker color. If you saturate the color by 10%, you get **93, 33.855, 94.018**, and if you desaturate by 10%, it is **97, 13.332, 96.505**.

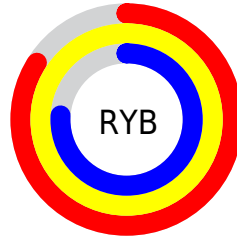
Distribution



Red (100%)

Green (94%)

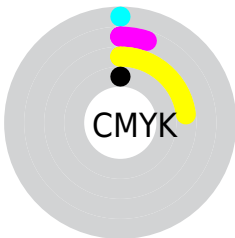
Blue (76%)



Red (84%)

Yellow (100%)

Blue (76%)

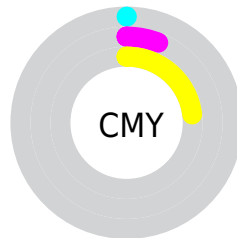


Cyan (0%)

Magenta (5%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 23.568, 95.274 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, 23.568, 95.274 by changing the saturation by 10% instead.

 95, 23.568, 95.274

 95, 23.568, 95.274

 100, 23.568,
95.274

 85, 23.568, 95.274

 75, 23.568, 95.274

 65, 23.568, 95.274

 55, 23.568, 95.274

 45, 23.568, 95.274

 35, 23.568, 95.274

 25, 23.568, 95.274

 15, 23.568, 95.274

 5, 23.568, 95.274

95, 23.568, 95.274

95, 23.568, 95.274

93, 33.855, 94.018

97, 13.332, 96.505

91, 44.094, 92.725

99, 3.192, 97.645

89, 54.113, 91.404

100, 0.230,
202.277

88, 63.603, 90.052

86, 72.050, 88.648

84, 78.692, 87.144

83, 82.674, 85.451

82, 83.894, 84.162

Harmonies

Complementary

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



95, 23.568, 95.274



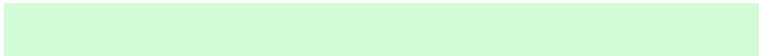
84, 24.013, 281.309

Rectangle

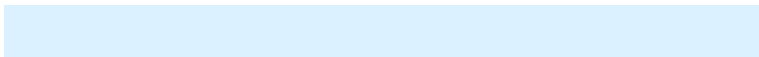
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 23.568, 95.274



95, 23.568, 145.274



95, 23.568, 275.274



95, 23.568, 325.274

Sweetspot

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



95, 23.570, 95.280



99, 7.064, 97.232



84, 23.219, 1.983



52, 4.592, 97.163



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

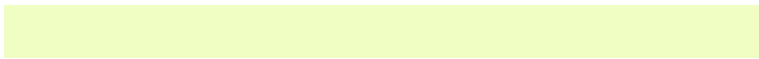
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 23.570, 95.280



94, 28.583, 94.676



97, 30.297, 118.439



52, 5.748, 96.941



63, 67.800, 84.533



21, 29.700, 86.896

Inverse Universe

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



84, 24.013, 281.309



81, 29.255, 282.136



82, 31.802, 301.590



50, 5.799, 279.285



29, 90.501, 301.188



6, 36.197, 296.381

Previews

White Background



This preview shows how the CIE LCh color 95, 23.568, 95.274 looks on a white background.

Color Contrast Check

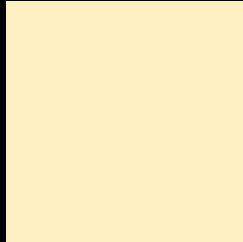
Large Text (above 18pt) WCAG AA × Fail

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, 23.568, 95.274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

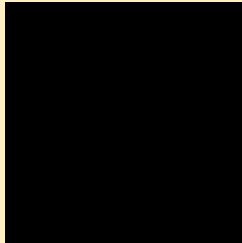
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 23.568, 95.274

Background



This preview shows how black text looks on a background with the CIELCh color 95, 23.568, 95.274.



This preview shows how white text looks on a background with the CIELCh color 95, 23.568, 95.274.

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, 23.587, 95.263

Protanopia

95, 23.678, 94.357

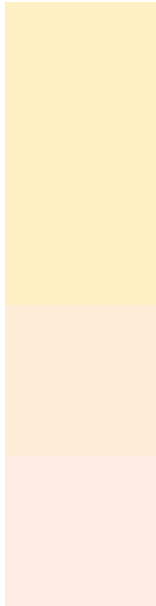
Deuteranopia

95, 8.646, 60.223



Tritanopia
95, 9.757, 336.903

Trichromacy



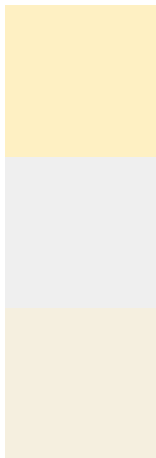
Original Color
95, 23.587, 95.263

Protanomaly
95, 23.678, 94.357

Deuteranomaly
95, 13.358, 81.031

Tritanomaly
95, 7.707, 51.734

Monochromacy



Original Color
95, 23.587, 95.263

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 8.466, 94.564

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 23.568, 95.274 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, 240, 195)` looks like.

```
.text, #text, p{  
    color:rgb(254, 240, 195)  
}
```

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, 240, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 240, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 23.568, 95.274 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, 240, 195) }
```

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

```
.border{ border-color:rgb(254, 240, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 240, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 240, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 240, 195);  
box-shadow:4px 4px 4px 4px rgb(254, 240,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 23.568, 95.274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 240, 195) }
```

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

```
.background{ background-color: rgb(254,  
240, 195) }
```

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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