

Converting Colors

CIELCh(95, 23.361, 95.074)

Have a look what the booklet for
CIELCh(95, 23.361, 95.074) contains.

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Color

CIELCh(95, 23.090, 95.035)

Conversions

Conversions Part 1

Format	Color
Hex	FEF0C4
RGB	254, 240, 196
RGB Percent	100%, 94%, 77%
CMY	0.0027, 0.0577, 0.2303
CMYK	0.00, 0.06, 0.23, 0.00
HSL	46°, 98%, 88%
HSV	46°, 23%, 100%
XYZ	82.2249, 87.6183, 64.9725
YIQ	239.1700, 22.4680, -10.7160

Conversions

Conversions Part 2

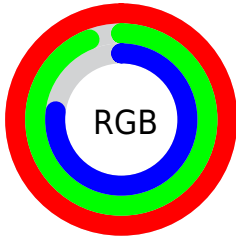
Format	Color
R_{YB}	214, 254, 196
Decimal	16707780
CIE _{Lab}	95.00, -2.03, 23.00
CIE _{LCh}	95, 23.090, 95.035
Yxy	87.6183, 0.3502, 0.3731
Android (android.graphics.Color)	4294897860 (0xFFFEF0C4)
YUV	239.1700, -21.2828, 13.0059
Hunter-Lab	93.6047, -7.0089, 24.3692

Details

The CIELCh color **95, 23.090, 95.035** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 23.497, 280.982**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **75, 23.125, 94.790** is the 20% darker color. If you saturate the color by 10%, you get **93, 33.341, 93.775**, and if you desaturate by 10%, it is **97, 12.898, 96.268**.

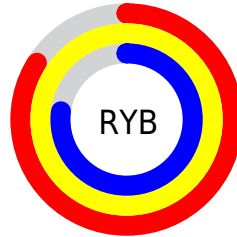
Distribution



Red (100%)

Green (94%)

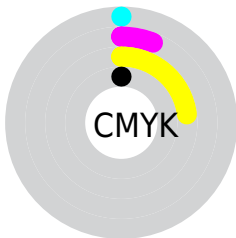
Blue (77%)



Red (84%)

Yellow (100%)

Blue (77%)

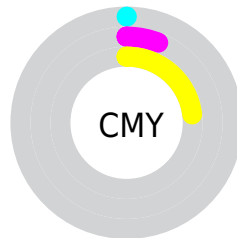


Cyan (0%)

Magenta (6%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 23.090, 95.035 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, 23.090, 95.035 by changing the saturation by 10% instead.

 95, 23.090, 95.035

 95, 23.090, 95.035

 100, 23.090,
95.035

 85, 23.090, 95.035

 75, 23.090, 95.035


 65, 23.090, 95.035

 55, 23.090, 95.035

 45, 23.090, 95.035

 35, 23.090, 95.035

 25, 23.090, 95.035

 15, 23.090, 95.035

 5, 23.090, 95.035

95, 23.090, 95.035

95, 23.090, 95.035

93, 33.341, 93.775

97, 12.898, 96.268

91, 43.556, 92.478

99, 2.806, 97.402

89, 53.568, 91.152

100, 0.243,
202.116

87, 63.076, 89.792

86, 71.578, 88.379

84, 78.320, 86.863

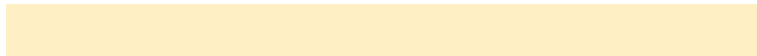
83, 82.436, 85.153

81, 83.765, 83.772

Harmonies

Complementary

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



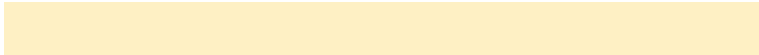
95, 23.090, 95.035



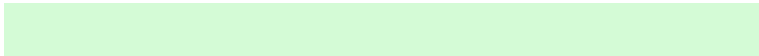
85, 23.497, 280.982

Rectangle

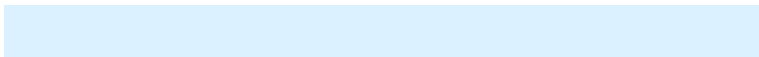
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 23.090, 95.035



95, 23.090, 145.035



95, 23.090, 275.035



95, 23.090, 325.035

Sweetspot

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



95, 23.092, 95.041



99, 7.033, 96.953



85, 22.828, 1.935



52, 4.572, 96.884



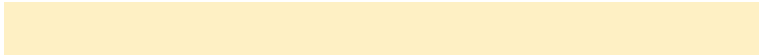
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

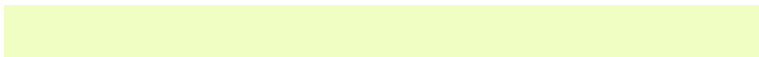
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 23.092, 95.041



94, 27.442, 94.515



97, 29.814, 118.463



52, 5.723, 96.662



63, 67.702, 84.151



21, 29.617, 86.545

Inverse Universe

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



85, 23.497, 280.982



82, 28.029, 281.695



82, 31.269, 301.558



50, 5.771, 279.013



29, 90.029, 301.025



7, 36.022, 296.224

Previews

White Background



This preview shows how the CIE LCh color 95, 23.090, 95.035 looks on a white background.

Color Contrast Check

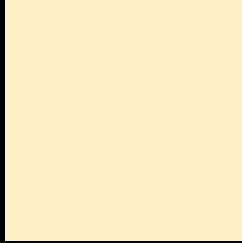
Large Text (above 18pt) WCAG AA × Fail

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, 23.090, 95.035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

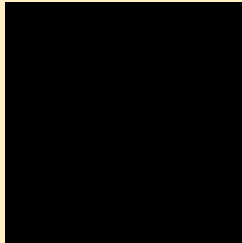
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 23.090, 95.035

Background



This preview shows how black text looks on a background with the CIELCh color 95, 23.090, 95.035.



This preview shows how white text looks on a background with the CIELCh color 95, 23.090, 95.035.

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, 23.090, 95.035

Protanopia

95, 23.184, 94.112

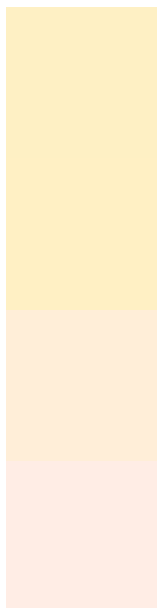
Deuteranopia

95, 8.313, 57.612



Tritanopia
95, 9.757, 336.903

Trichromacy



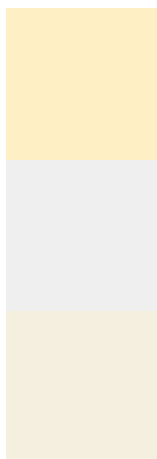
Original Color
95, 23.090, 95.035

Protanomaly
95, 23.184, 94.112

Deuteranomaly
95, 12.904, 80.032

Tritanomaly
95, 7.707, 51.734

Monochromacy



Original Color
95, 23.090, 95.035

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, 23.090, 95.035 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, 196)` looks like.

```
.text, #text, p{  
  color:rgb(254, 240, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 240, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 23.090, 95.035 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, 196) }
```

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

```
.border{ border-color:rgb(254, 240, 196) }
```

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, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 240, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 240, 196);  
box-shadow:4px 4px 4px 4px rgb(254, 240,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 23.090, 95.035 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, 196) }
```

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

```
.background{ background-color: rgb(254,  
240, 196) }
```

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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