

Converting Colors

CIELCh(95, 18.116, 91.091)

Have a look what the booklet for
CIELCh(95, 18.116, 91.091) contains.

CIELCh(95, 18.153, 91.949)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(95, 18.153, 91.949)

Conversions

Conversions Part 1

Format	Color
Hex	FEF0CE
RGB	254, 240, 206
RGB Percent	100%, 94%, 81%
CMY	0.0050, 0.0599, 0.1932
CMYK	0.00, 0.06, 0.19, 0.01
HSL	43°, 95%, 90%
HSV	43°, 19%, 99%
XYZ	82.9566, 87.6183, 70.7605
YIQ	240.3100, 19.2580, -7.6060

Conversions

Conversions Part 2

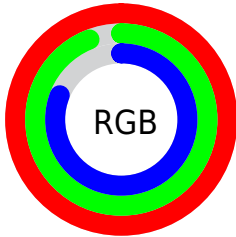
Format	Color
R _Y B	226, 254, 206
Decimal	16707790
CIE Lab	95.00, -0.62, 18.14
CIE LCh	95, 18.153, 91.949
Yxy	87.6183, 0.3437, 0.3631
Android (android.graphics.Color)	4294897870 (0xFFFEF0CE)
YUV	240.3100, -16.9148, 12.0061
Hunter-Lab	93.6047, -5.6135, 20.7030

Details

The CIELCh color **95, 18.153, 91.949** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 18.244, 276.967**, 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, 17.950, 91.693** is the 20% darker color. If you saturate the color by 10%, you get **93, 27.964, 90.656**, and if you desaturate by 10%, it is **97, 8.480, 93.206**.

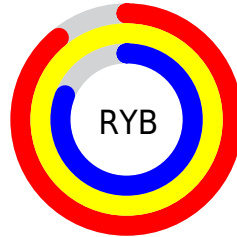
Distribution



Red (100%)

Green (94%)

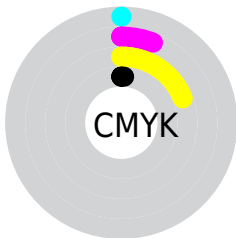
Blue (81%)



Red (89%)

Yellow (100%)

Blue (81%)

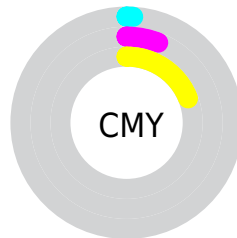


Cyan (0%)

Magenta (6%)

Yellow (19%)

Black (1%)



Cyan (1%)

Magenta (6%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 18.153, 91.949 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, 18.153, 91.949 by changing the saturation by 10% instead.

95, 18.153, 91.949

95, 18.153, 91.949

100, 18.153,
91.949

85, 18.153, 91.949

75, 18.153, 91.949

65, 18.153, 91.949

55, 18.153, 91.949

45, 18.153, 91.949

35, 18.153, 91.949

25, 18.153, 91.949

15, 18.153, 91.949

5, 18.153, 91.949

95, 18.153, 91.949

95, 18.153, 91.949

93, 27.964, 90.656

97, 8.480, 93.206

90, 37.855, 89.315

100, 0.374,
242.080

88, 47.715, 87.935

100, 0.445,
200.867

86, 57.331, 86.509

84, 66.318, 85.013

82, 74.036, 83.389

80, 79.586, 81.527

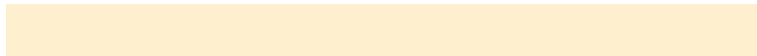
78, 82.331, 79.293

78, 82.561, 79.042

Harmonies

Complementary

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



95, 18.153, 91.949



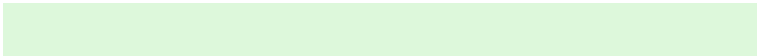
88, 18.244, 276.967

Rectangle

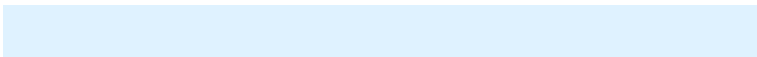
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 18.153, 91.949



95, 18.153, 141.949



95, 18.153, 271.949



95, 18.153, 321.949

Sweetspot

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



95, 18.154, 91.957



99, 5.714, 93.551



87, 19.123, 357.877



52, 3.793, 93.475



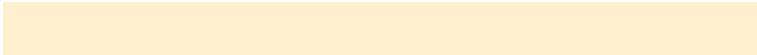
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

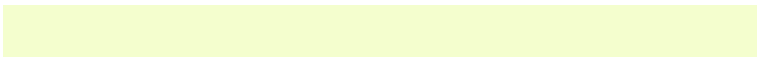
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 18.154, 91.957



94, 22.240, 91.430



98, 24.549, 116.691



52, 5.434, 93.134



60, 66.812, 79.510



20, 28.716, 82.188

Inverse Universe

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



88, 18.244, 276.967



85, 22.372, 277.643



85, 25.573, 299.457



50, 5.456, 275.577



31, 84.148, 298.848



7, 33.769, 294.000

Previews

White Background



This preview shows how the CIE LCh color 95, 18.153, 91.949 looks on a white background.

Color Contrast Check

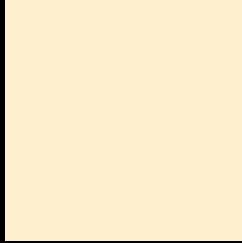
Large Text (above 18pt) WCAG AA × Fail

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, 18.153, 91.949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

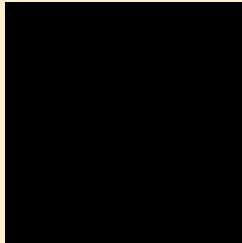
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 18.153, 91.949

Background



This preview shows how black text looks on a background with the CIELCh color 95, 18.153, 91.949.



This preview shows how white text looks on a background with the CIELCh color 95, 18.153, 91.949.

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, 18.153, 91.949

Protanopia

95, 18.046, 93.099

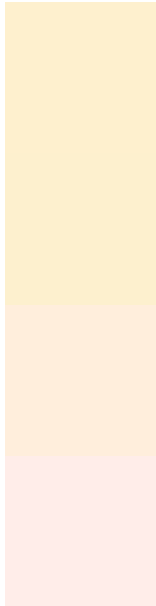
Deuteranopia

95, 7.999, 54.786



Tritanopia
95, 10.113, 334.785

Trichromacy



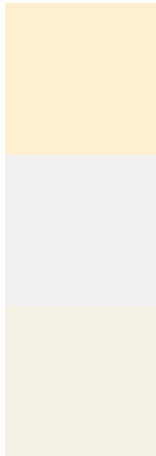
Original Color
95, 18.153, 91.949

Protanomaly
95, 18.046, 93.099

Deuteranomaly
95, 11.136, 75.197

Tritanomaly
95, 6.806, 37.203

Monochromacy



Original Color
95, 18.153, 91.949

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 6.387, 93.251

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 18.153, 91.949 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(254, 240, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 240, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 18.153, 91.949 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, 206) }
```

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

```
.border{ border-color:rgb(254, 240, 206) }
```

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, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 240, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 240, 206);  
box-shadow:4px 4px 4px 4px rgb(254, 240,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 18.153, 91.949 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, 206) }
```

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

```
.background{ background-color: rgb(254,  
240, 206) }
```

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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