

Converting Colors

CIELCh(100, 32.268, 57.006)

Have a look what the booklet for
CIELCh(100, 32.268, 57.006)
contains.

CIELCh(95, 20.105, 93.400)	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, 20.105, 93.400)

Conversions

Conversions Part 1

Format	Color
Hex	FEF0CA
RGB	254, 240, 202
RGB Percent	100%, 94%, 79%
CMY	0.0042, 0.0590, 0.2079
CMYK	0.00, 0.06, 0.20, 0.00
HSL	44°, 96%, 89%
HSV	44°, 20%, 100%
XYZ	82.6575, 87.6183, 68.4252
YIQ	239.8540, 20.5420, -8.8500

Conversions

Conversions Part 2

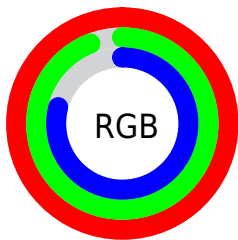
Format	Color
R _Y B	221, 254, 202
Decimal	16707786
CIE Lab	95.00, -1.19, 20.07
CIE LCh	95, 20.105, 93.400
Yxy	87.6183, 0.3463, 0.3671
Android (android.graphics.Color)	4294897866 (0xFFFEF0CA)
YUV	239.8540, -18.6620, 12.4060
Hunter-Lab	93.6047, -6.1839, 22.1822

Details

The CIELCh color **95, 20.105, 93.400** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 20.310, 278.782**, 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, 20.015, 93.158** is the 20% darker color. If you saturate the color by 10%, you get **93, 30.113, 92.121**, and if you desaturate by 10%, it is **97, 10.202, 94.647**.

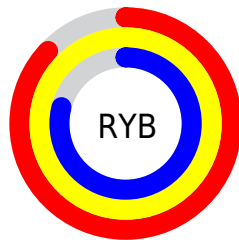
Distribution



Red (100%)

Green (94%)

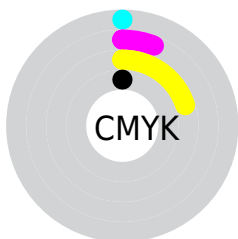
Blue (79%)



Red (87%)

Yellow (100%)

Blue (79%)

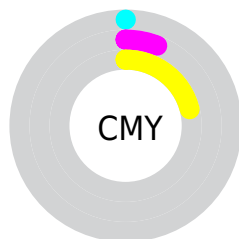


Cyan (0%)

Magenta (6%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 20.105, 93.400 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, 20.105, 93.400 by changing the saturation by 10% instead.

 95, 20.105, 93.400

 95, 20.105, 93.400

 100, 20.105,
93.400

 85, 20.105, 93.400

 75, 20.105, 93.400

 65, 20.105, 93.400

 55, 20.105, 93.400

 45, 20.105, 93.400

 35, 20.105, 93.400

 25, 20.105, 93.400

 15, 20.105, 93.400

 5, 20.105, 93.400

95, 20.105, 93.400

95, 20.105, 93.400

93, 30.113, 92.121

97, 10.202, 94.647

91, 40.153, 90.797

100, 0.433, 95.330

89, 50.094, 89.439

100, 0.368,
201.181

87, 59.686, 88.039

85, 68.499, 86.575

83, 75.839, 84.993

81, 80.809, 83.191

80, 83.008, 81.181

Harmonies

Complementary

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



95, 20.105, 93.400



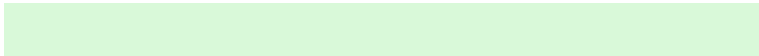
86, 20.310, 278.782

Rectangle

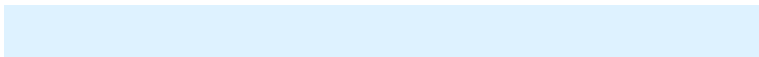
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 20.105, 93.400



95, 20.105, 143.400



95, 20.105, 273.400



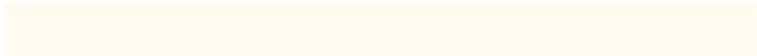
95, 20.105, 323.400

Sweetspot

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



95, 20.106, 93.407



99, 5.850, 95.174



86, 20.611, 359.238



52, 3.883, 95.099



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

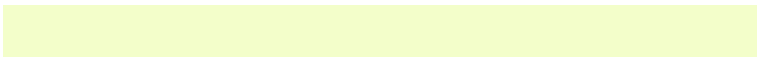
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 20.106, 93.407



94, 24.726, 92.827



98, 26.610, 117.264



52, 5.561, 94.762



61, 67.147, 81.609



20, 29.100, 84.180

Inverse Universe

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



86, 20.310, 278.782



84, 25.037, 279.544



84, 27.801, 300.185



50, 5.595, 277.165



30, 86.840, 299.878



7, 34.815, 295.082

Previews

White Background



This preview shows how the CIE LCh color 95, 20.105, 93.400 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, 20.105, 93.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

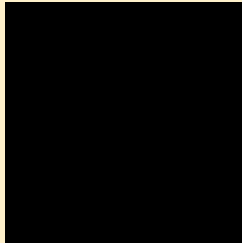
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 20.105, 93.400

Background



This preview shows how black text looks on a background with the CIELCh color 95, 20.105, 93.400.



This preview shows how white text looks on a background with the CIELCh color 95, 20.105, 93.400.

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](#).

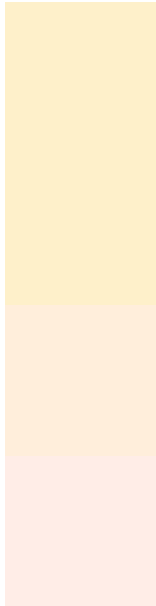
Dichromacy





Tritanopia
95, 9.757, 336.903

Trichromacy



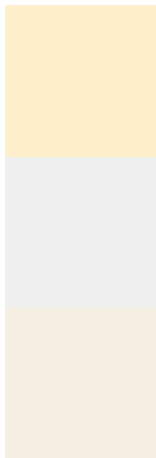
Original Color
95, 20.121, 93.390

Protanomaly
95, 20.121, 93.390

Deuteranomaly
95, 11.570, 76.549

Tritanomaly
95, 7.197, 44.927

Monochromacy



Original Color
95, 20.121, 93.390

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 7.377, 95.382

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 20.105, 93.400 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(254, 240, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 240, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 20.105, 93.400 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, 202) }
```

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

```
.border{ border-color:rgb(254, 240, 202) }
```

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, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 240, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 240, 202);  
box-shadow:4px 4px 4px 4px rgb(254, 240,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 20.105, 93.400 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, 202) }
```

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

```
.background{ background-color: rgb(254,  
240, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor