

Converting Colors

CIE LCh(97, 29.096, 76.031)

Have a look what the booklet for
CIELCh(97, 29.096, 76.031) contains.

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Color

CIELCh(95, 25.164, 95.023)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0C0
RGB	255, 240, 192
RGB Percent	100%, 94%, 75%
CMY	0.0000, 0.0577, 0.2460
CMYK	0.00, 0.06, 0.25, 0.00
HSL	46°, 100%, 88%
HSV	46°, 25%, 100%
XYZ	82.1334, 87.6183, 62.6095
YIQ	239.0130, 24.3480, -11.7480

Conversions

Conversions Part 2

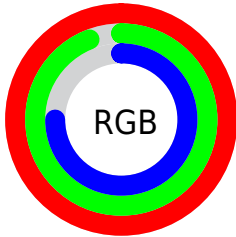
Format	Color
R _Y B	212, 255, 192
Decimal	16773312
CIE Lab	95.00, -2.20, 25.07
CIE LCh	95, 25.164, 95.023
Yxy	87.6183, 0.3535, 0.3771
Android (android.graphics.Color)	4294963392 (0xFFFFF0C0)
YUV	239.0130, -23.1774, 14.0206
Hunter-Lab	93.6047, -7.1834, 25.8658

Details

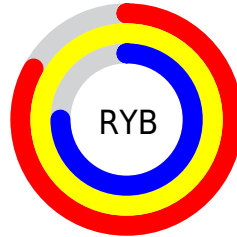
The CIELCh color **95, 25.164, 95.023** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 25.661, 281.706**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **75, 25.296, 94.697** is the 20% darker color. If you saturate the color by 10%, you get **93, 35.468, 94.012**, and if you desaturate by 10%, it is **97, 14.847, 96.504**.

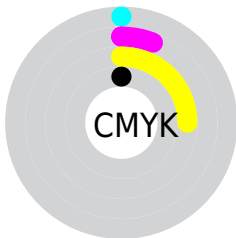
Distribution



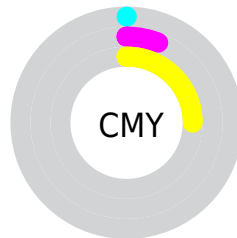
- Red (100%)
- Green (94%)
- Blue (75%)



- Red (83%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (25%)
- Black (0%)



- Cyan (0%)
- Magenta (6%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 25.164, 95.023 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, 25.164, 95.023 by changing the saturation by 10% instead.

 95, 25.164, 95.023

 95, 25.164, 95.023

 100, 25.164,
95.023

 85, 25.164, 95.023

 75, 25.164, 95.023

 65, 25.164, 95.023

 55, 25.164, 95.023

 45, 25.164, 95.023

 35, 25.164, 95.023

 25, 25.164, 95.023

 15, 25.164, 95.023

 5, 25.164, 95.023

95, 25.164, 95.023

95, 25.164, 95.023

93, 35.468, 94.012

97, 14.847, 96.504

91, 45.726, 92.718

99, 4.643, 97.668

89, 55.724, 91.398

100, 0.012,
296.813

88, 65.126, 90.045

86, 73.381, 88.639

84, 79.695, 87.125

83, 83.238, 85.412

82, 84.133, 84.396

Harmonies

Complementary

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



95, 25.164, 95.023



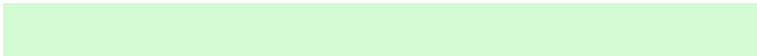
83, 25.661, 281.706

Rectangle

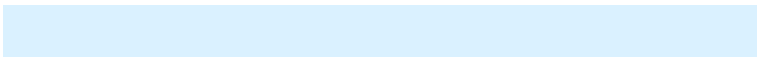
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 25.164, 95.023



95, 25.164, 145.023



95, 25.164, 275.023



95, 25.164, 325.023

Sweetspot

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



95, 25.140, 95.276



99, 7.083, 97.400



84, 24.758, 2.169



52, 4.605, 97.331



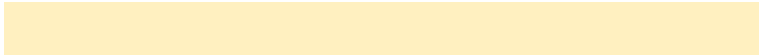
0, 0.000, 0.000



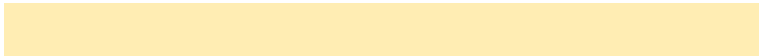
53, 0.007, 296.813

Same Dimension

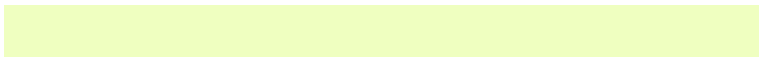
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 25.140, 95.276



94, 30.719, 94.597



98, 32.195, 118.348



52, 5.764, 97.110



63, 67.862, 84.765



21, 29.750, 87.109

Inverse Universe

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



83, 25.661, 281.706



80, 31.530, 282.657



81, 33.905, 301.711



50, 5.816, 279.449



28, 90.786, 301.286



6, 36.303, 296.475

Previews

White Background



This preview shows how the CIE LCh color 95, 25.164, 95.023 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, 25.164, 95.023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

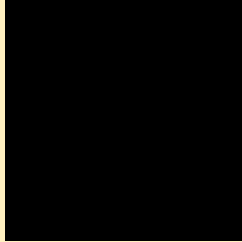
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 25.164, 95.023

Background



This preview shows how black text looks on a background with the CIELCh color 95, 25.164, 95.023.



This preview shows how white text looks on a background with the CIELCh color 95, 25.164, 95.023.

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, 25.164, 95.023

Protanopia

95, 24.173, 94.590

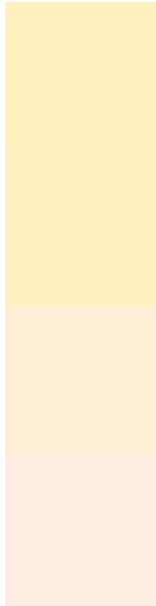
Deuteranopia

95, 8.646, 60.223



Tritanopia
95, 9.417, 339.180

Trichromacy



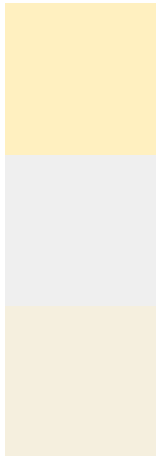
Original Color
95, 25.164, 95.023

Protanomaly
95, 24.668, 94.812

Deuteranomaly
95, 13.817, 81.962

Tritanomaly
95, 8.313, 57.612

Monochromacy



Original Color
95, 25.164, 95.023

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 8.964, 95.349

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 25.164, 95.023 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, 240, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 192)  
}
```

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, 240, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 25.164, 95.023 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, 240, 192) }
```

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

```
.border{ border-color:rgb(255, 240, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 25.164, 95.023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 192) }
```

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

```
.background{ background-color: rgb(255,  
240, 192) }
```

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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