

Converting Colors

CIELCh(95, 20.091, 94.793)

Have a look what the booklet for
CIELCh(95, 20.091, 94.793) contains.

CIELCh(95, 20.023, 94.441)	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, 20.023, 94.441)

Conversions

Conversions Part 1

Format	Color
Hex	FDF0CA
RGB	253, 240, 202
RGB Percent	99%, 94%, 79%
CMY	0.0071, 0.0581, 0.2071
CMYK	0.00, 0.05, 0.20, 0.01
HSL	45°, 93%, 89%
HSV	45°, 20%, 99%
XYZ	82.4716, 87.6183, 68.5531
YIQ	239.5550, 19.9460, -9.0620

Conversions

Conversions Part 2

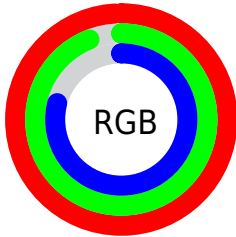
Format	Color
R _Y B	219, 253, 202
Decimal	16642250
CIE Lab	95.00, -1.55, 19.96
CIE LCh	95, 20.023, 94.441
Yxy	87.6183, 0.3456, 0.3672
Android (android.graphics.Color)	4294832330 (0xFFFD0CA)
YUV	239.5550, -18.5146, 11.7913
Hunter-Lab	93.6047, -6.5384, 22.1011

Details

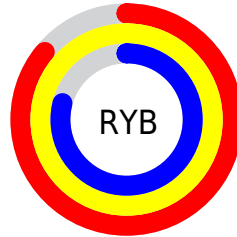
The CIELCh color **95, 20.023, 94.441** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 20.281, 279.679**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 19.910, 94.283** is the 20% darker color. If you saturate the color by 10%, you get **93, 30.118, 93.178**, and if you desaturate by 10%, it is **97, 10.018, 95.674**.

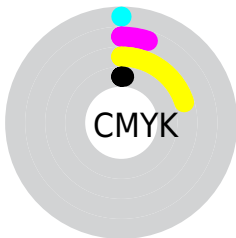
Distribution



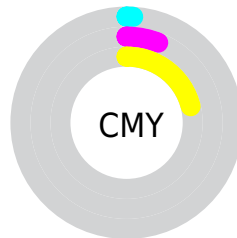
- Red (99%)
- Green (94%)
- Blue (79%)



- Red (86%)
- Yellow (99%)
- Blue (79%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (1%)



- Cyan (1%)
- Magenta (6%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 20.023, 94.441 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, 20.023, 94.441 by changing the saturation by 10% instead.

 95, 20.023, 94.441

 95, 20.023, 94.441

 100, 20.023,
94.441

 85, 20.023, 94.441

 75, 20.023, 94.441

 65, 20.023, 94.441

 55, 20.023, 94.441

 45, 20.023, 94.441

 35, 20.023, 94.441

 25, 20.023, 94.441

 15, 20.023, 94.441

 5, 20.023, 94.441

95, 20.023, 94.441

95, 20.023, 94.441

93, 30.118, 93.178

97, 10.018, 95.674

91, 40.228, 91.872

99, 0.132, 95.180

89, 50.215, 90.534

100, 0.630,
200.417

87, 59.832, 89.160

85, 68.644, 87.732

84, 75.968, 86.203

82, 80.925, 84.484

80, 83.139, 82.520

Harmonies

Complementary

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



95, 20.023, 94.441



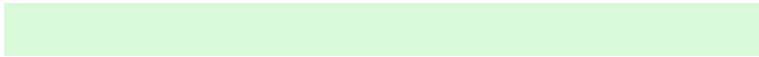
86, 20.281, 279.679

Rectangle

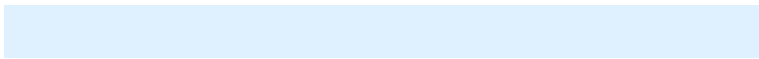
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 20.023, 94.441



95, 20.023, 144.441



95, 20.023, 274.441



95, 20.023, 324.441

Sweetspot

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



95, 20.025, 94.448



99, 5.938, 96.158



86, 20.102, 0.390



53, 3.941, 96.084



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, 20.025, 94.448



95, 24.046, 93.962



97, 26.202, 117.962



52, 5.643, 95.750



62, 67.412, 82.919



21, 29.359, 85.405

Inverse Universe

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



86, 20.281, 279.679



84, 24.418, 280.313



84, 27.336, 300.748



50, 5.685, 278.127



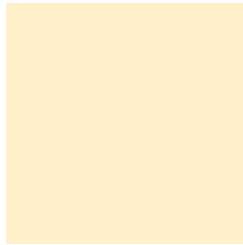
29, 88.493, 300.482



7, 35.445, 295.691

Previews

White Background



This preview shows how the CIE LCh color 95, 20.023, 94.441 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, 20.023, 94.441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

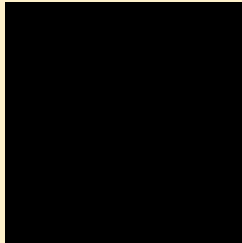
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 20.023, 94.441

Background



This preview shows how black text looks on a background with the CIELCh color 95, 20.023, 94.441.



This preview shows how white text looks on a background with the CIELCh color 95, 20.023, 94.441.

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, 20.023, 94.441

Protanopia

95, 20.121, 93.390

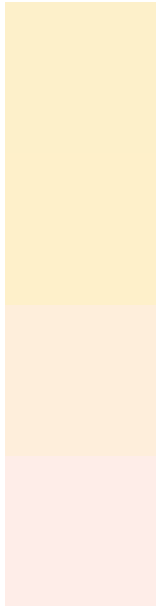
Deuteranopia

95, 7.999, 54.786



Tritanopia
95, 10.113, 334.785

Trichromacy



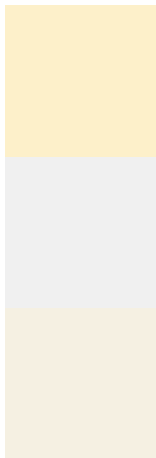
Original Color
95, 20.023, 94.441

Protanomaly
95, 20.121, 93.390

Deuteranomaly
95, 11.371, 78.126

Tritanomaly
95, 6.645, 42.310

Monochromacy



Original Color
95, 20.023, 94.441

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, 20.023, 94.441 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(253, 240, 202)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 240, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 240, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 20.023, 94.441 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(253, 240, 202) }
```

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

```
.border{ border-color:rgb(253, 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(253, 240, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 240, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 240, 202);  
box-shadow:4px 4px 4px 4px rgb(253, 240,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 20.023, 94.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 240, 202) }
```

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

```
.background{ background-color: rgb(253,  
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](#).

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