

Converting Colors

CIELCh(100, 37.343, 52.395)

Have a look what the booklet for
CIELCh(100, 37.343, 52.395)
contains.

CIELCh(95, 20.978, 90.651)	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, 20.978, 90.651)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFC8
RGB	255, 239, 200
RGB Percent	100%, 94%, 78%
CMY	0.0000, 0.0615, 0.2146
CMYK	0.00, 0.06, 0.21, 0.00
HSL	43°, 100%, 89%
HSV	43°, 21%, 100%
XYZ	83.1542, 87.6183, 67.3441
YIQ	239.3380, 22.0550, -8.7370

Conversions

Conversions Part 2

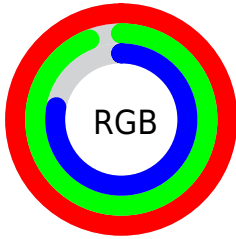
Format	Color
R _Y B	223, 255, 200
Decimal	16773064
CIE Lab	95.00, -0.24, 20.98
CIE LCh	95, 20.978, 90.651
Yxy	87.6183, 0.3492, 0.3680
Android (android.graphics.Color)	4294963144 (0xFFFFEFC8)
YUV	239.3380, -19.3936, 13.7356
Hunter-Lab	93.6047, -5.2367, 22.8670

Details

The CIELCh color **95, 20.978, 90.651** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 20.963, 277.740**, 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, 20.783, 91.286** is the 20% darker color. If you saturate the color by 10%, you get **93, 30.738, 90.698**, and if you desaturate by 10%, it is **97, 11.028, 93.266**.

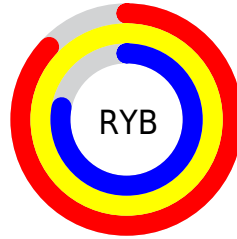
Distribution



Red (100%)

Green (94%)

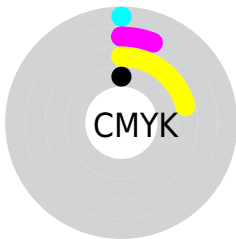
Blue (78%)



Red (87%)

Yellow (100%)

Blue (78%)

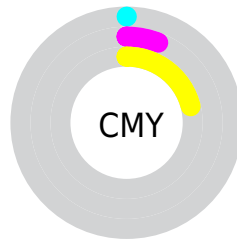


Cyan (0%)

Magenta (6%)

Yellow (21%)

Black (0%)



Cyan (0%)

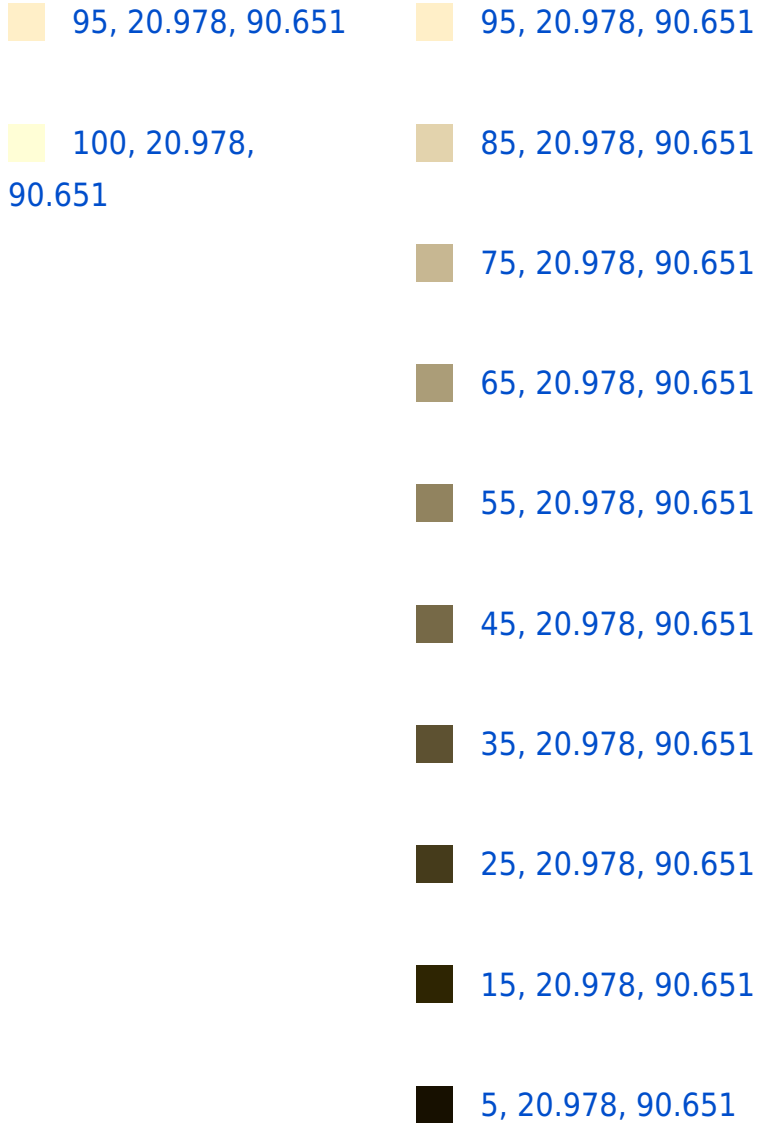
Magenta (6%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 20.978, 90.651 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, 20.978, 90.651 by changing the saturation by 10% instead.



95, 20.978, 90.651

95, 20.978, 90.651

93, 30.738, 90.698

97, 11.028, 93.266

90, 40.705, 89.352

100, 1.383, 94.334

88, 50.587, 87.967

100, 0.012,
296.813

86, 60.133, 86.534

84, 68.893, 85.022

82, 76.148, 83.365

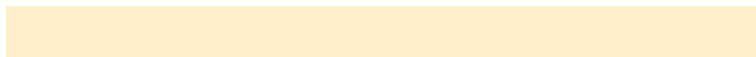
80, 80.974, 81.441

79, 82.952, 79.516

Harmonies

Complementary

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



95, 20.978, 90.651



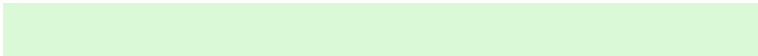
86, 20.963, 277.740

Rectangle

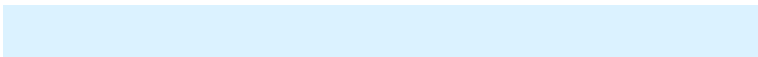
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 20.978, 90.651



95, 20.978, 140.651



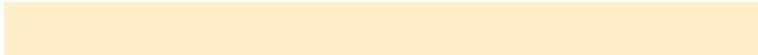
95, 20.978, 270.651



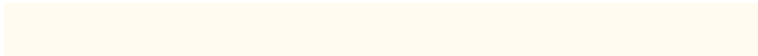
95, 20.978, 320.651

Sweetspot

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



95, 20.824, 92.006



99, 5.744, 93.921



86, 21.885, 358.187



52, 3.813, 93.845



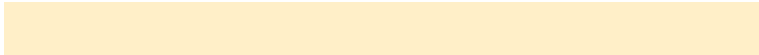
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

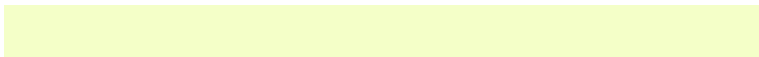
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 20.824, 92.006



94, 25.315, 91.417



98, 27.939, 116.512



52, 5.462, 93.505



61, 66.878, 79.982



20, 28.799, 82.639

Inverse Universe

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



86, 20.963, 277.740



83, 25.525, 278.522



83, 29.276, 299.687



50, 5.487, 275.940



31, 84.757, 299.086



7, 34.008, 294.255

Previews

White Background



This preview shows how the CIE LCh color 95, 20.978, 90.651 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, 20.978, 90.651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

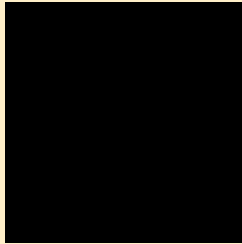
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 20.978, 90.651

Background



This preview shows how black text looks on a background with the CIELCh color 95, 20.978, 90.651.



This preview shows how white text looks on a background with the CIELCh color 95, 20.978, 90.651.

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, 20.844, 91.662

Protanopia

95, 20.615, 93.702

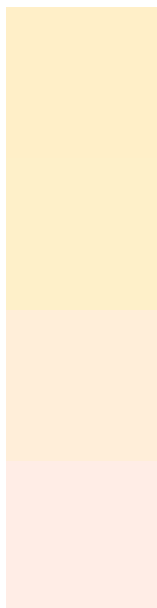
Deuteranopia

95, 8.313, 57.612



Tritanopia
95, 9.417, 339.180

Trichromacy



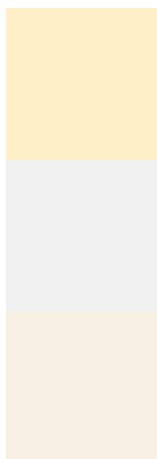
Original Color
95, 20.844, 91.662

Protanomaly
95, 20.615, 93.702

Deuteranomaly
95, 12.454, 78.957

Tritanomaly
95, 7.438, 48.449

Monochromacy



Original Color
95, 20.844, 91.662

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, 20.978, 90.651 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, 239, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 200)  
}
```

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, 239, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 20.978, 90.651 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, 239, 200) }
```

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

```
.border{ border-color:rgb(255, 239, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 20.978, 90.651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 200) }
```

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

```
.background{ background-color: rgb(255,  
239, 200) }
```

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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