

Converting Colors

CIELCh(100, 35.088, 53.238)

Have a look what the booklet for
CIELCh(100, 35.088, 53.238)
contains.

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Color

CIELCh(95, 20.355, 91.307)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0C9
RGB	255, 240, 201
RGB Percent	100%, 94%, 79%
CMY	0.0000, 0.0608, 0.2099
CMYK	0.00, 0.06, 0.21, 0.00
HSL	43°, 100%, 90%
HSV	43°, 21%, 100%
XYZ	83.0364, 87.6183, 68.0901
YIQ	240.0390, 21.4590, -8.9490

Conversions

Conversions Part 2

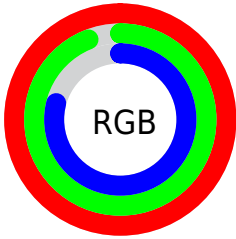
Format	Color
R_{YB}	222, 255, 201
Decimal	16773321
CIE _{Lab}	95.00, -0.46, 20.35
CIE _{LCh}	95, 20.355, 91.307
Yxy	87.6183, 0.3478, 0.3670
Android (android.graphics.Color)	4294963401 (0xFFFFF0C9)
YUV	240.0390, -19.2462, 13.1208
Hunter-Lab	93.6047, -5.4614, 22.3944

Details

The CIELCh color **95, 20.355, 91.307** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 20.418, 277.441**, 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, 20.643, 92.381** is the 20% darker color. If you saturate the color by 10%, you get **93, 30.186, 90.526**, and if you desaturate by 10%, it is **97, 10.537, 93.094**.

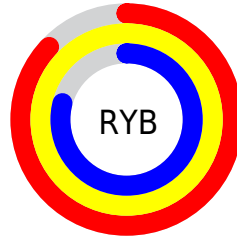
Distribution



Red (100%)

Green (94%)

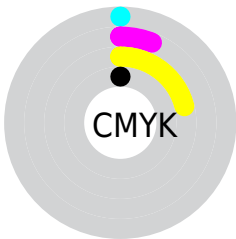
Blue (79%)



Red (87%)

Yellow (100%)

Blue (79%)

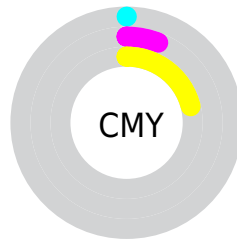


Cyan (0%)

Magenta (6%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 20.355, 91.307 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, 20.355, 91.307 by changing the saturation by 10% instead.

 95, 20.355, 91.307

 95, 20.355, 91.307

 100, 20.355,
91.307

 85, 20.355, 91.307

 75, 20.355, 91.307

 65, 20.355, 91.307

 55, 20.355, 91.307

 45, 20.355, 91.307

 35, 20.355, 91.307

 25, 20.355, 91.307

 15, 20.355, 91.307

 5, 20.355, 91.307

95, 20.355, 91.307

95, 20.355, 91.307

93, 30.186, 90.526

97, 10.537, 93.094

90, 40.133, 89.178

100, 0.929, 94.073

88, 50.012, 87.791

100, 0.012,
296.813

86, 59.578, 86.356

84, 68.394, 84.843

82, 75.757, 83.185

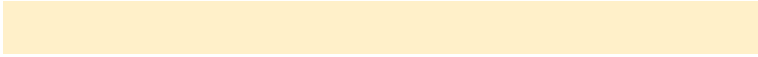
80, 80.741, 81.262

79, 82.904, 79.218

Harmonies

Complementary

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



95, 20.355, 91.307



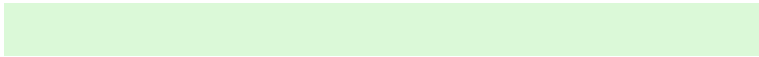
87, 20.418, 277.441

Rectangle

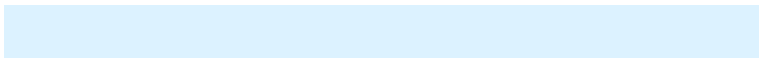
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 20.355, 91.307



95, 20.355, 141.307



95, 20.355, 271.307



95, 20.355, 321.307

Sweetspot

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



95, 20.299, 91.834



99, 5.725, 93.692



86, 21.387, 358.129



52, 3.800, 93.616



0, 0.000, 0.000



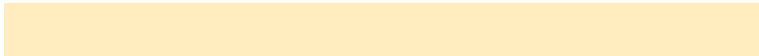
53, 0.007, 296.813

Same Dimension

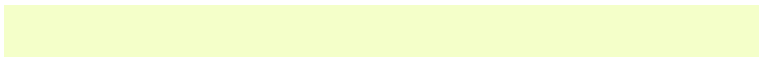
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 20.299, 91.834



94, 24.253, 91.314



98, 27.332, 116.545



52, 5.445, 93.275



60, 66.837, 79.690



20, 28.747, 82.360

Inverse Universe

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



87, 20.418, 277.441



84, 24.425, 278.125



84, 28.608, 299.644



50, 5.467, 275.716



31, 84.380, 298.939



7, 33.860, 294.098

Previews

White Background



This preview shows how the CIELCh color 95, 20.355, 91.307 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, 20.355, 91.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

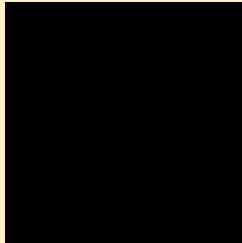
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 20.355, 91.307

Background



This preview shows how black text looks on a background with the CIELCh color 95, 20.355, 91.307.



This preview shows how white text looks on a background with the CIELCh color 95, 20.355, 91.307.

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, 20.718, 92.682

Protanopia

95, 20.121, 93.390

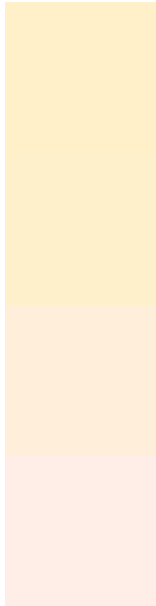
Deuteranopia

95, 8.313, 57.612



Tritanopia
95, 9.757, 336.903

Trichromacy



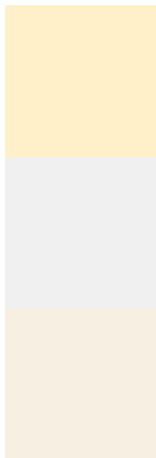
Original Color
95, 20.718, 92.682

Protanomaly
95, 20.121, 93.390

Deuteranomaly
95, 12.009, 77.799

Tritanomaly
95, 7.197, 44.927

Monochromacy



Original Color
95, 20.718, 92.682

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, 20.355, 91.307 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 20.355, 91.307 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, 201) }
```

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

```
.border{ border-color:rgb(255, 240, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 240, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 240, 201); box-shadow:4px 4px 4px 4px rgb(255, 240, 201) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 20.355, 91.307 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, 201) }
```

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

```
.background{ background-color: rgb(255,  
240, 201) }
```

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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