

Converting Colors

CIELCh(95, 56.361, 100.683)

Have a look what the booklet for
CIELCh(95, 56.361, 100.683)
contains.

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Color

CIELCh(95, 56.368, 101.174)

Conversions

Conversions Part 1

Format	Color
Hex	FFF483
RGB	255, 244, 131
RGB Percent	100%, 96%, 51%
CMY	0.0000, 0.0430, 0.4862
CMYK	0.00, 0.04, 0.49, 0.00
HSL	55°, 100%, 76%
HSV	55°, 49%, 100%
XYZ	77.7038, 87.6183, 34.2967
YIQ	234.4070, 42.8290, -32.8110

Conversions

Conversions Part 2

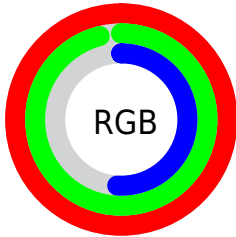
Format	Color
R_{YB}	143, 255, 131
Decimal	16774275
CIE _{Lab}	95.00, -10.92, 55.30
CIE _{LCh}	95, 56.368, 101.174
Yxy	87.6183, 0.3893, 0.4389
Android (android.graphics.Color)	4294964355 (0xFFFFFFFF483)
YUV	234.4070, -50.9797, 18.0601
Hunter-Lab	93.6047, -15.6304, 43.7995

Details

The CIELCh color **95, 56.368, 101.174** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **63, 63.052, 293.906**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 34.689, 107.535**, and **75, 56.282, 101.230** is the 20% darker color. If you saturate the color by 10%, you get **94, 66.815, 100.165**, and if you desaturate by 10%, it is **96, 45.228, 102.244**.

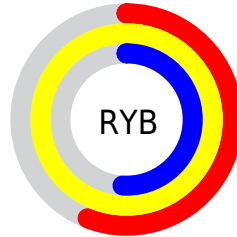
Distribution



Red (100%)

Green (96%)

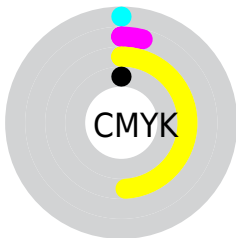
Blue (51%)



Red (56%)

Yellow (100%)

Blue (51%)

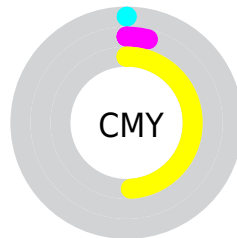


Cyan (0%)

Magenta (4%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 56.368, 101.174 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, 56.368, 101.174 by changing the saturation by 10% instead.


 95, 56.368,
101.174


 95, 56.368,
101.174


 100, 56.368,
101.174


 85, 56.368,
101.174

 75, 56.368,
101.174

 65, 56.368,
101.174

 55, 56.368,
101.174

 45, 56.368,
101.174

 35, 56.368,
101.174

 25, 56.368,

101.174

■ 15, 56.368,
101.174

■ 5, 56.368, 101.174

■ 95, 56.368,
101.174

■ 95, 56.368,
101.174

■ 94, 66.815,
100.165

■ 96, 45.228,
102.244

■ 93, 76.096, 99.202

■ 97, 33.700,
103.319

■ 93, 83.567, 98.320

■ 98, 21.976,
104.392

■ 92, 88.530, 97.529

■ 91, 90.701, 96.816

■ 99, 10.171,
105.448

■ 91, 90.898, 96.721

100, 0.012,

296.813

Harmonies

Complementary

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



95, 56.368, 101.174



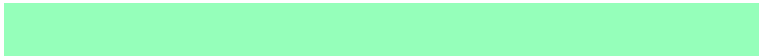
63, 63.052, 293.906

Rectangle

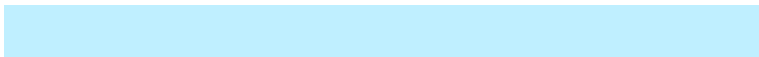
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 56.368, 101.174



95, 56.368, 151.174



95, 56.368, 281.174



95, 56.368, 331.174

Sweetspot

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



95, 56.368, 101.186



98, 17.710, 104.778



69, 50.530, 17.613



52, 12.081, 104.554



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

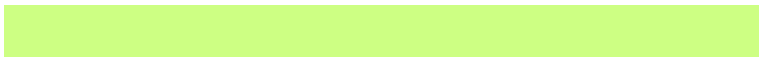
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 56.368, 101.186



94, 66.197, 100.226



94, 64.136, 123.069



53, 6.711, 105.356



71, 73.287, 96.834



24, 33.145, 97.800

Inverse Universe

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



63, 63.052, 293.906



56, 76.630, 296.075



64, 70.264, 308.504



49, 6.835, 287.420



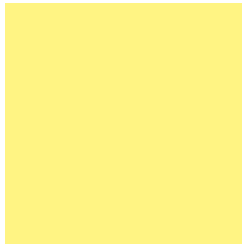
24, 103.594, 305.189



4, 41.315, 300.186

Previews

White Background



This preview shows how the CIELCh color 95, 56.368, 101.174 looks on a white background.

Color Contrast Check

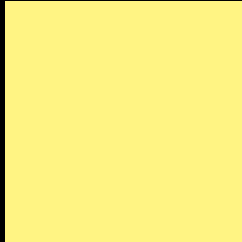
Large Text (above 18pt) WCAG AA × Fail

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, 56.368, 101.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

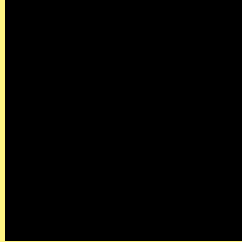
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 56.368, 101.174

Background



This preview shows how black text looks on a background with the CIELCh color 95, 56.368, 101.174.

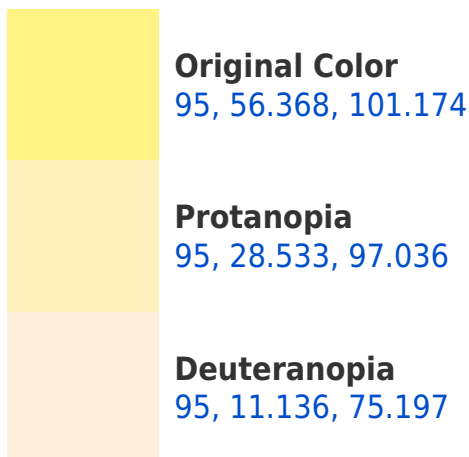



This preview shows how white text looks on a background with the CIELCh color 95, 56.368, 101.174.

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, 8.787, 344.253

Trichromacy



Original Color
95, 56.368, 101.174



Protanomaly
95, 38.828, 99.525



Deuteranomaly
95, 27.146, 95.777

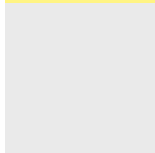


Tritanomaly
95, 18.550, 88.557

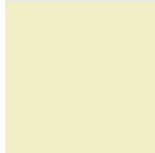
Monochromacy



Original Color
95, 56.368, 101.174



Achromatopsia
93, 0.011, 296.813



Achromatomaly
93, 21.029, 104.381

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 56.368, 101.174 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, 244, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 131)  
}
```

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, 244, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 56.368, 101.174 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, 244, 131) }
```

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

```
.border{ border-color:rgb(255, 244, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 56.368, 101.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 131) }
```

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

```
.background{ background-color: rgb(255,  
244, 131) }
```

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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