

Converting Colors

CIELCh(95, 69.265, 101.099)

Have a look what the booklet for
CIELCh(95, 69.265, 101.099)
contains.

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Color

CIELCh(95, 69.055, 101.306)

Conversions

Conversions Part 1

Format	Color
Hex	FFF567
RGB	255, 245, 103
RGB Percent	100%, 96%, 40%
CMY	0.0000, 0.0388, 0.5957
CMYK	0.00, 0.04, 0.60, 0.00
HSL	56°, 100%, 70%
HSV	56°, 60%, 100%
XYZ	76.4074, 87.6183, 25.7397
YIQ	231.8020, 51.5420, -42.0420

Conversions

Conversions Part 2

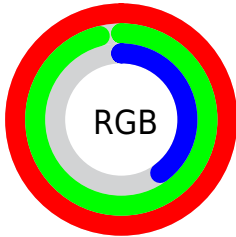
Format	Color
R_{YB}	114, 255, 103
Decimal	16774503
CIE _{Lab}	95.00, -13.54, 67.71
CIE _{LCh}	95, 69.055, 101.306
Yxy	87.6183, 0.4026, 0.4617
Android (android.graphics.Color)	4294964583 (0xFFFFF567)
YUV	231.8020, -63.4994, 20.3446
Hunter-Lab	93.6047, -18.1026, 49.2195

Details

The CIELCh color **95, 69.055, 101.306** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **54, 81.120, 297.366**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 47.839, 106.520**, and **75, 69.104, 101.401** is the 20% darker color. If you saturate the color by 10%, you get **94, 78.265, 100.454**, and if you desaturate by 10%, it is **96, 58.569, 102.306**.

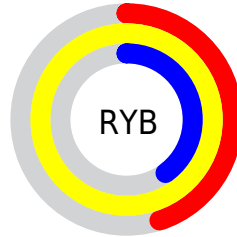
Distribution



Red (100%)

Green (96%)

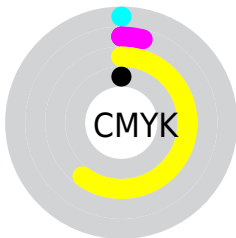
Blue (40%)



Red (45%)

Yellow (100%)

Blue (40%)

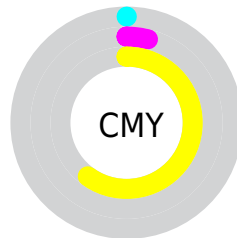


Cyan (0%)

Magenta (4%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 69.055, 101.306 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, 69.055, 101.306 by changing the saturation by 10% instead.


 95, 69.055,
101.306


 95, 69.055,
101.306


 100, 69.055,
101.306


 85, 69.055,
101.306

 75, 69.055,
101.306

 65, 69.055,
101.306

 55, 69.055,
101.306

 45, 69.055,
101.306

 35, 69.055,
101.306

 25, 69.055,

101.306

■ 15, 69.055,
101.306

■ 5, 69.055, 101.306

■ 95, 69.055,
101.306

■ 95, 69.055,
101.306

■ 94, 78.265,
100.454

■ 96, 58.569,
102.306

■ 94, 85.555, 99.671

■ 96, 47.306,
103.321

■ 93, 90.269, 99.011

■ 97, 35.593,
104.361

■ 93, 92.303, 98.461

■ 93, 92.366, 98.438

■ 98, 23.638,
105.409

99, 11.571,
106.444

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, 69.055, 101.306



54, 81.120, 297.366

Rectangle

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



95, 69.055, 101.306



95, 69.055, 151.306



95, 69.055, 281.306



95, 69.055, 331.306

Sweetspot

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



95, 69.053, 101.341



98, 21.746, 105.573



63, 63.539, 22.857



52, 15.102, 105.269



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, 69.053, 101.341



94, 79.440, 100.335



93, 77.693, 123.987



53, 6.873, 106.451



72, 74.454, 98.518



25, 33.755, 99.254

Inverse Universe

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



54, 81.120, 297.366



46, 98.353, 300.180



57, 86.554, 310.182



49, 7.008, 288.476



24, 104.859, 305.528



4, 42.057, 300.632

Previews

White Background



This preview shows how the CIE LCh color 95, 69.055, 101.306 looks on a white background.

Color Contrast Check

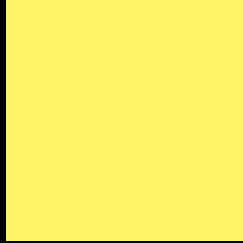
Large Text (above 18pt) WCAG AA × Fail

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, 69.055, 101.306 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, 69.055, 101.306

Background



This preview shows how black text looks on a background with the CIELCh color 95, 69.055, 101.306.



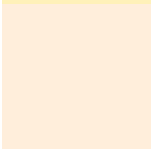



This preview shows how white text looks on a background with the CIELCh color 95, 69.055, 101.306.

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, 69.055, 101.306
	Protanopia 95, 29.029, 97.171
	Deuteranopia 95, 11.570, 76.549



Tritanopia
95, 8.502, 347.064

Trichromacy



Original Color
95, 69.055, 101.306



Protanomaly
95, 44.195, 99.942



Deuteranomaly
95, 32.997, 98.060

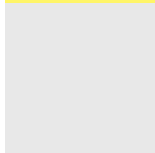


Tritanomaly
95, 24.289, 93.694

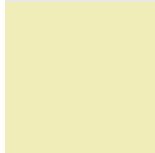
Monochromacy



Original Color
95, 69.055, 101.306



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 26.603, 105.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 69.055, 101.306 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, 245, 103)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 103)  
}
```

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, 245, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 69.055, 101.306 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, 245, 103) }
```

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

```
.border{ border-color:rgb(255, 245, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 103);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 69.055, 101.306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 103) }
```

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

```
.background{ background-color: rgb(255,  
245, 103) }
```

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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