

Converting Colors

CIELCh(91, 62.974, 95.438)

Have a look what the booklet for
CIELCh(91, 62.974, 95.438) contains.

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Color

CIELCh(91, 63.057, 95.060)

Conversions

Conversions Part 1

Format	Color
Hex	FFE568
RGB	255, 229, 104
RGB Percent	100%, 90%, 41%
CMY	0.0000, 0.1010, 0.5912
CMYK	0.00, 0.10, 0.59, 0.00
HSL	50°, 100%, 70%
HSV	50°, 59%, 100%
XYZ	71.9299, 78.4833, 24.5153
YIQ	222.5240, 55.6210, -33.3630

Conversions

Conversions Part 2

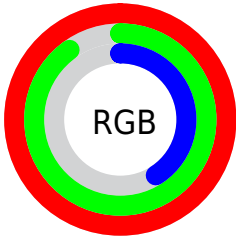
Format	Color
R_{YB}	135, 255, 104
Decimal	16770408
CIE _{Lab}	91.00, -5.56, 62.81
CIE _{LCh}	91, 63.057, 95.060
Y _{xy}	78.4833, 0.4112, 0.4487
Android (android.graphics.Color)	4294960488 (0xFFFFE568)
YUV	222.5240, -58.4323, 28.4815
Hunter-Lab	88.5908, -10.1038, 45.6066

Details

The CIELCh color **91, 63.057, 95.060** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **58, 70.693, 292.714**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 47.839, 106.520**, and **71, 62.976, 95.242** is the 20% darker color. If you saturate the color by 10%, you get **90, 72.053, 93.960**, and if you desaturate by 10%, it is **92, 53.028, 96.362**.

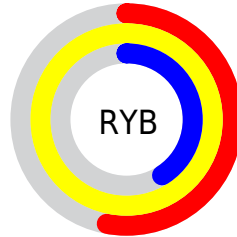
Distribution



Red (100%)

Green (90%)

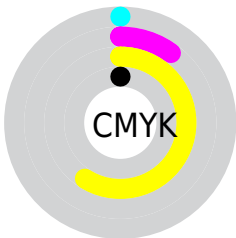
Blue (41%)



Red (53%)

Yellow (100%)

Blue (41%)

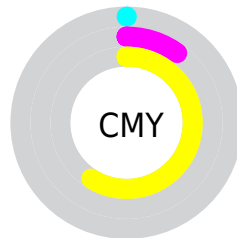


Cyan (0%)

Magenta (10%)

Yellow (59%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 63.057, 95.060 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 91, 63.057, 95.060 by changing the saturation by 10% instead.

91, 63.057, 95.060

91, 63.057, 95.060

100, 63.057,
95.060

81, 63.057, 95.060

71, 63.057, 95.060

61, 63.057, 95.060

51, 63.057, 95.060

41, 63.057, 95.060

31, 63.057, 95.060

21, 63.057, 95.060

11, 63.057, 95.060

1, 63.057, 95.060

■ 91, 63.057, 95.060

■ 91, 63.057, 95.060

■ 90, 72.053, 93.960

■ 92, 53.028, 96.362

■ 88, 79.410, 92.755

■ 94, 42.483, 97.563

■ 87, 84.312, 91.516

■ 95, 31.680, 98.755

■ 86, 86.387, 90.196

■ 97, 20.783, 99.928

■ 86, 86.512, 90.078

■ 98, 9.887, 101.066

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.



91, 63.057, 95.060



58, 70.693, 292.714

Rectangle

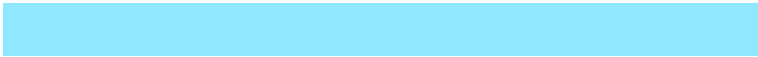
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 63.057, 95.060



91, 63.057, 145.060



91, 63.057, 275.060



91, 63.057, 325.060

Sweetspot

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



91, 63.036, 95.159



97, 19.556, 100.058



64, 61.363, 13.946



51, 13.597, 99.720



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 63.036, 95.159



89, 73.583, 93.735



94, 75.049, 119.319



52, 6.161, 101.024



66, 69.786, 90.328



22, 31.122, 92.117

Inverse Universe

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



58, 70.693, 292.714



50, 86.655, 296.015



56, 85.883, 306.948



49, 6.245, 283.240



26, 97.295, 303.383



5, 38.680, 298.402

Previews

White Background



This preview shows how the CIELCh color 91, 63.057, 95.060 looks on a white background.

Color Contrast Check

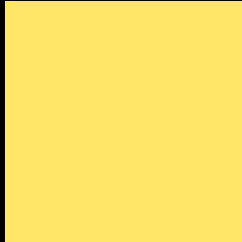
Large Text (above 18pt) WCAG AA × Fail

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 91, 63.057, 95.060 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 91, 63.057, 95.060

Background



This preview shows how black text looks on a background with the CIELCh color 91, 63.057, 95.060.



This preview shows how white text looks on a background with the CIELCh color 91, 63.057, 95.060.

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

91, 63.057, 95.060

Protanopia

91, 62.974, 95.438

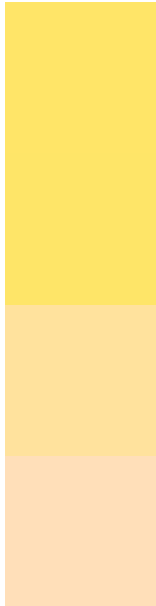
Deuteranopia

91, 22.677, 76.572



Tritanopia
91, 13.892, 356.291

Trichromacy



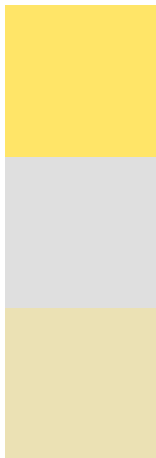
Original Color
91, 63.057, 95.060

Protanomaly
91, 62.974, 95.438

Deuteranomaly
91, 37.394, 89.042

Tritanomaly
91, 23.362, 76.343

Monochromacy



Original Color
91, 63.057, 95.060

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 23.562, 98.787

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 63.057, 95.060 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, 229, 104)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 104)  
}
```

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, 229, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 63.057, 95.060 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, 229, 104) }
```

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

```
.border{ border-color:rgb(255, 229, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 229, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 229, 104); box-shadow:4px 4px 4px 4px rgb(255, 229, 104) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 63.057, 95.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 104) }
```

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

```
.background{ background-color: rgb(255,  
229, 104) }
```

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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