

Converting Colors

CIELCh(91, 66.440, 95.695)

Have a look what the booklet for
CIELCh(91, 66.440, 95.695) contains.

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Color

CIELCh(91, 66.353, 95.635)

Conversions

Conversions Part 1

Format	Color
Hex	FFE661
RGB	255, 230, 97
RGB Percent	100%, 90%, 38%
CMY	0.0013, 0.0992, 0.6207
CMYK	0.00, 0.10, 0.62, 0.00
HSL	51°, 100%, 69%
HSV	51°, 62%, 100%
XYZ	71.4791, 78.4833, 22.6193
YIQ	222.3130, 57.5930, -36.0630

Conversions

Conversions Part 2

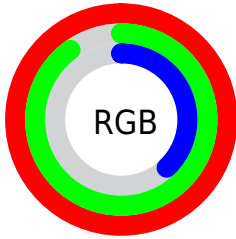
Format	Color
R_{YB}	127, 255, 97
Decimal	16770657
CIE _{Lab}	91.00, -6.52, 66.03
CIE _{LCh}	91, 66.353, 95.635
Yxy	78.4833, 0.4142, 0.4548
Android (android.graphics.Color)	4294960737 (0xFFFFE661)
YUV	222.3130, -61.7793, 28.6665
Hunter-Lab	88.5908, -11.0119, 46.8754

Details

The CIELCh color **91, 66.353, 95.635** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **56, 75.708, 294.091**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 51.169, 106.263**, and **71, 66.510, 95.747** is the 20% darker color. If you saturate the color by 10%, you get **90, 74.970, 94.478**, and if you desaturate by 10%, it is **92, 56.542, 96.810**.

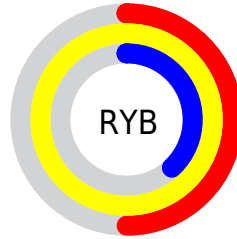
Distribution



Red (100%)

Green (90%)

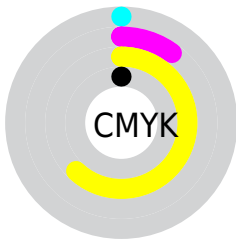
Blue (38%)



Red (50%)

Yellow (100%)

Blue (38%)

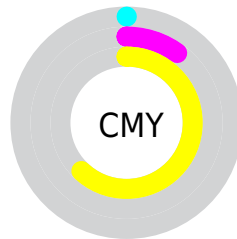


Cyan (0%)

Magenta (10%)

Yellow (62%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 66.353, 95.635 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, 66.353, 95.635 by changing the saturation by 10% instead.

91, 66.353, 95.635

91, 66.353, 95.635

100, 66.353,
95.635

81, 66.353, 95.635

71, 66.353, 95.635

61, 66.353, 95.635

51, 66.353, 95.635

41, 66.353, 95.635

31, 66.353, 95.635

21, 66.353, 95.635

11, 66.353, 95.635

1, 66.353, 95.635

91, 66.353, 95.635

91, 66.353, 95.635

90, 74.970, 94.478

92, 56.542, 96.810

89, 81.671, 93.324

94, 46.053, 97.989

88, 85.703, 92.146

95, 35.216, 99.165

87, 87.017, 91.163

96, 24.228,
100.328

98, 13.204,
101.465

100, 2.209,
102.516

100, 0.111,
205.353

Harmonies

Complementary

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



91, 66.353, 95.635



56, 75.708, 294.091

Rectangle

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



91, 66.353, 95.635



91, 66.353, 145.635



91, 66.353, 275.635



91, 66.353, 325.635

Sweetspot

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



91, 66.353, 95.638



97, 20.914, 100.675



63, 64.446, 16.092



51, 14.399, 100.347



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, 66.353, 95.638



90, 76.547, 94.250



94, 78.373, 119.944



52, 6.244, 101.745



67, 70.258, 91.390



23, 31.419, 93.054

Inverse Universe

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



56, 75.708, 294.091



48, 92.210, 297.437



54, 90.077, 307.629



49, 6.334, 283.937



26, 98.443, 303.727



5, 39.096, 298.707

Previews

White Background



This preview shows how the CIELCh color 91, 66.353, 95.635 looks on a white background.

Color Contrast Check

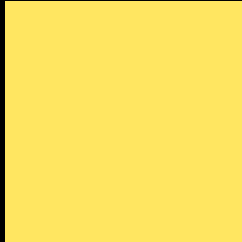
Large Text (above 18pt) WCAG AA × Fail

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, 66.353, 95.635 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, 66.353, 95.635

Background



This preview shows how black text looks on a background with the CIELCh color 91, 66.353, 95.635.



This preview shows how white text looks on a background with the CIELCh color 91, 66.353, 95.635.

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, 66.353, 95.635

Protanopia

91, 66.353, 95.635

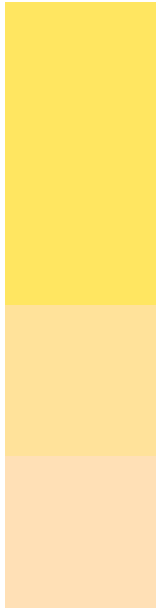
Deuteranopia

91, 23.126, 77.173



Tritanopia
91, 13.892, 356.291

Trichromacy



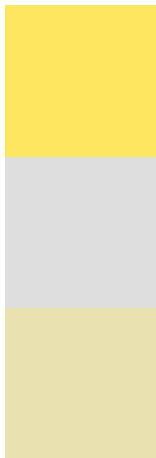
Original Color
91, 66.353, 95.635

Protanomaly
91, 66.353, 95.635

Deuteranomaly
91, 38.841, 89.555

Tritanomaly
91, 24.944, 79.340

Monochromacy



Original Color
91, 66.353, 95.635

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 25.532, 100.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 66.353, 95.635 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, 230, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 97)  
}
```

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, 230, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 66.353, 95.635 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, 230, 97) }
```

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

```
.border{ border-color:rgb(255, 230, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 66.353, 95.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 97) }
```

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

```
.background{ background-color: rgb(255,  
230, 97) }
```

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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