

Converting Colors

CIELCh(75, 64.515, 131.318)

Have a look what the booklet for
CIELCh(75, 64.515, 131.318)
contains.

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Color

CIELCh(75, 64.666, 131.340)

Conversions

Conversions Part 1

Format	Color
Hex	82CB5A
RGB	130, 203, 90
RGB Percent	51%, 80%, 35%
CMY	0.4896, 0.2033, 0.6465
CMYK	0.36, 0.00, 0.56, 0.20
HSL	99°, 52%, 58%
HSV	99°, 56%, 80%
XYZ	32.4693, 48.2781, 17.3100
YIQ	168.2910, -7.2350, -50.6190

Conversions

Conversions Part 2

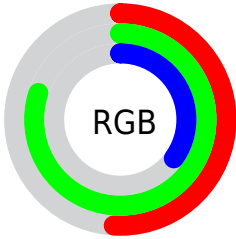
Format	Color
RYB	90, 203, 163
Decimal	8571738
CIELab	75.00, -42.71, 48.55
CIElCh	75, 64.666, 131.340
Yxy	48.2781, 0.3311, 0.4923
Android (android.graphics.Color)	4286761818 (0xFF82CB5A)
YUV	168.2910, -38.5975, -33.5812
Hunter-Lab	69.4824, -38.1807, 33.8669

Details

The CIELCh color **75, 64.666, 131.340** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **51, 68.005, 316.319**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 61.751, 130.923**, and **55, 64.594, 131.191** is the 20% darker color. If you saturate the color by 10%, you get **74, 74.665, 130.992**, and if you desaturate by 10%, it is **76, 53.758, 131.810**.

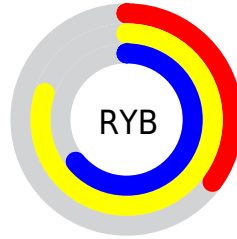
Distribution



Red (51%)

Green (80%)

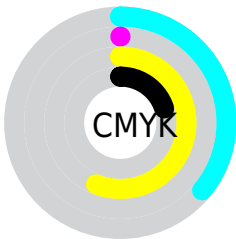
Blue (35%)



Red (35%)

Yellow (80%)

Blue (64%)

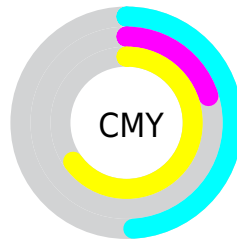


Cyan (36%)

Magenta (0%)

Yellow (56%)

Black (20%)



Cyan (49%)


Magenta (20%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 64.666, 131.340 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 75, 64.666, 131.340 by changing the saturation by 10% instead.


 75, 64.666,
131.340


 75, 64.666,
131.340


 100, 64.666,
131.340


 65, 64.666,
131.340


 95, 64.666,
131.340

 55, 64.666,
131.340

 45, 64.666,
131.340

 35, 64.666,
131.340

 25, 64.666,
131.340

 15, 64.666,
131.340

 5, 64.666, 131.340

0, 64.666, 131.340

75, 64.666,
131.340

75, 64.666,
131.340

74, 74.665,
130.992

76, 53.758,
131.810

74, 83.294,
130.872

77, 42.286,
132.325

73, 90.044,
131.111

78, 30.503,
132.840

72, 94.552,
131.802

79, 18.589,
133.330

72, 96.060,
132.152

81, 6.669, 133.793

82, 5.166, 314.138

84, 16.851,

314.517

■ 86, 28.344,
314.835

■ 87, 31.346,
321.819

Harmonies

Complementary

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



75, 64.666, 131.340



51, 68.005, 316.319

Rectangle

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



75, 64.666, 131.340



75, 64.666, 181.340



75, 64.666, 311.340



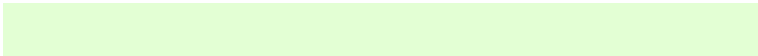
75, 64.666, 1.340

Sweetspot

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



75, 64.667, 131.341



97, 24.322, 133.254



69, 43.182, 80.861



51, 16.273, 133.155



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 64.667, 131.341



91, 91.094, 130.940



74, 65.523, 143.289



42, 6.755, 133.619



60, 82.382, 131.945



13, 25.797, 135.158

Inverse Universe

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



51, 68.005, 316.319



57, 96.566, 316.599



56, 64.869, 331.672



40, 6.820, 314.373



29, 87.598, 315.800



3, 25.459, 312.538

Previews

White Background



This preview shows how the CIELCh color 75, 64.666, 131.340 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 75, 64.666, 131.340 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 75, 64.666, 131.340

Background



This preview shows how black text looks on a background with the CIELCh color 75, 64.666, 131.340.

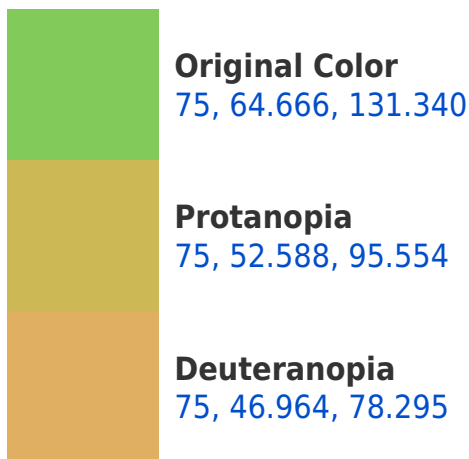


This preview shows how white text looks on a background with the CIELCh color 75, 64.666, 131.340.

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
75, 15.969, 229.173

Trichromacy



Original Color
75, 64.666, 131.340



Protanomaly
74, 54.208, 111.374



Deuteranomaly
74, 47.085, 102.461

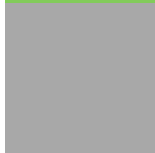


Tritanomaly
74, 25.761, 157.020

Monochromacy



Original Color
75, 64.666, 131.340



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 24.633, 133.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 64.666, 131.340 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(130, 203, 90)` looks like.

```
.text, #text, p{  
    color:rgb(130, 203, 90)  
}
```

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(130, 203, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 203, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 64.666, 131.340 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(130, 203, 90) }
```

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

```
.border{ border-color:rgb(130, 203, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 203, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 203, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 203, 90);  
box-shadow:4px 4px 4px 4px rgb(130, 203,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 64.666, 131.340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 203, 90) }
```

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

```
.background{ background-color: rgb(130,  
203, 90) }
```

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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