

Converting Colors

CIELCh(75, 60.602, 133.404)

Have a look what the booklet for
CIELCh(75, 60.602, 133.404)
contains.

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Color

CIELCh(75, 60.508, 133.407)

Conversions

Conversions Part 1

Format	Color
Hex	82CB64
RGB	130, 203, 100
RGB Percent	51%, 80%, 39%
CMY	0.4909, 0.2046, 0.6085
CMYK	0.36, 0.00, 0.51, 0.20
HSL	103°, 50%, 59%
HSV	103°, 51%, 80%
XYZ	32.7864, 48.2781, 19.6061
YIQ	169.4310, -10.4450, -47.5090

Conversions

Conversions Part 2

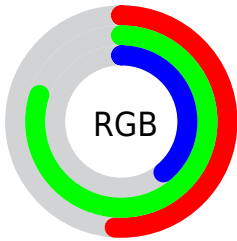
Format	Color
RYB	100, 203, 173
Decimal	8571748
CIELab	75.00, -41.58, 43.96
CIELCh	75, 60.508, 133.407
Yxy	48.2781, 0.3257, 0.4796
Android (android.graphics.Color)	4286761828 (0xFF82CB64)
YUV	169.4310, -34.2295, -34.5810
Hunter-Lab	69.4824, -37.3663, 31.9077

Details

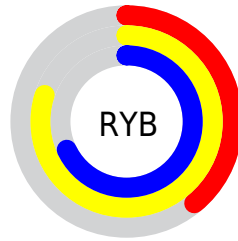
The CIELCh color **75, 60.508, 133.407** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **54, 62.651, 318.111**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 57.441, 133.012**, and **55, 60.405, 133.452** is the 20% darker color. If you saturate the color by 10%, you get **74, 71.163, 132.908**, and if you desaturate by 10%, it is **76, 49.095, 133.968**.

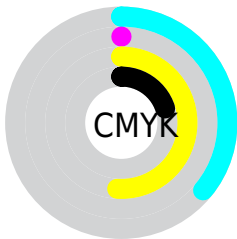
Distribution



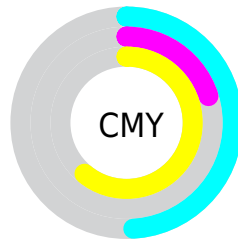
- Red (51%)
- Green (80%)
- Blue (39%)



- Red (39%)
- Yellow (80%)
- Blue (68%)



- Cyan (36%)
- Magenta (0%)
- Yellow (51%)
- Black (20%)





- Cyan (49%)
- Magenta (20%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 60.508, 133.407 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, 60.508, 133.407 by changing the saturation by 10% instead.


 75, 60.508,
133.407


 75, 60.508,
133.407


 100, 60.508,
133.407


 65, 60.508,
133.407


 95, 60.508,
133.407

 55, 60.508,
133.407

 45, 60.508,
133.407

 35, 60.508,
133.407

 25, 60.508,
133.407

 15, 60.508,
133.407

 5, 60.508, 133.407

0, 60.508, 133.407

75, 60.508,
133.407

75, 60.508,
133.407

74, 71.163,
132.908

76, 49.095,
133.968

73, 80.638,
132.559

77, 37.234,
134.531

73, 88.426,
132.484

79, 25.150,
135.066

72, 94.045,
132.804

80, 13.008,
135.560

72, 97.389,
133.388

81, 0.923, 136.181

83, 11.021,
316.348

■ 85, 22.768,
316.692

■ 87, 31.008,
319.886

■ 88, 32.719,
325.563

Harmonies

Complementary

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



75, 60.508, 133.407



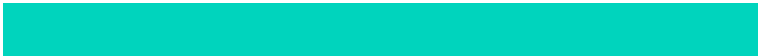
54, 62.651, 318.111

Rectangle

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



75, 60.508, 133.407



75, 60.508, 183.407



75, 60.508, 313.407



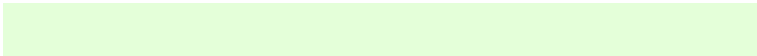
75, 60.508, 3.407

Sweetspot

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



75, 60.509, 133.408



97, 21.840, 135.346



72, 41.048, 87.102



52, 14.909, 135.240



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, 60.509, 133.408



91, 85.807, 132.863



74, 57.430, 145.969



42, 6.875, 135.625



60, 83.636, 133.208



12, 26.323, 136.801

Inverse Universe

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



54, 62.651, 318.111



62, 89.253, 318.411



57, 57.273, 333.908



40, 6.929, 316.388



31, 86.562, 317.719



3, 26.011, 315.307

Previews

White Background



This preview shows how the CIELCh color 75, 60.508, 133.407 looks on a white background.

Color Contrast Check

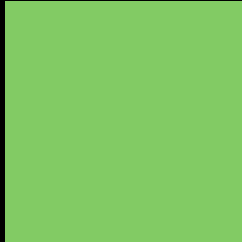
Large Text (above 18pt) WCAG AA × Fail

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, 60.508, 133.407 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, 60.508, 133.407

Background



This preview shows how black text looks on a background with the CIELCh color 75, 60.508, 133.407.



This preview shows how white text looks on a background with the CIELCh color 75, 60.508, 133.407.

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
75, 60.508, 133.407

Protanopia
75, 48.320, 95.718

Deuteranopia
74, 42.369, 77.123

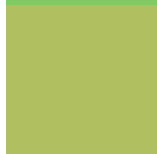


Tritanopia
75, 16.233, 228.606

Trichromacy



Original Color
75, 60.508, 133.407



Protanomaly
74, 50.121, 112.710



Deuteranomaly
74, 42.642, 103.743



Tritanomaly
74, 24.915, 160.179

Monochromacy



Original Color
75, 60.508, 133.407



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 22.515, 134.902

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 60.508, 133.407 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, 100)` looks like.

```
.text, #text, p{  
    color:rgb(130, 203, 100)  
}
```

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, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 203, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 60.508, 133.407 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, 100) }
```

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

```
.border{ border-color:rgb(130, 203, 100) }
```

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, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 203, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 203, 100); box-shadow:4px 4px 4px 4px rgb(130, 203, 100) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 60.508, 133.407 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, 100) }
```

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

```
.background{ background-color: rgb(130,  
203, 100) }
```

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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