

Converting Colors

CIELCh(69, 58.512, 125.032)

Have a look what the booklet for
CIELCh(69, 58.512, 125.032)
contains.

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Color

CIELCh(69, 58.488, 125.142)

Conversions

Conversions Part 1

Format	Color
Hex	86B74D
RGB	134, 183, 77
RGB Percent	53%, 72%, 30%
CMY	0.4755, 0.2833, 0.6989
CMYK	0.27, 0.00, 0.58, 0.28
HSL	88°, 42%, 51%
HSV	88°, 58%, 72%
XYZ	28.0052, 39.3444, 13.0962
YIQ	156.2650, 4.8220, -43.3540

Conversions

Conversions Part 2

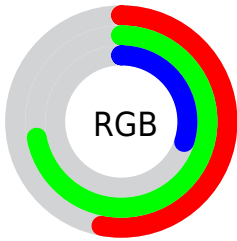
Format	Color
RYB	77, 183, 126
Decimal	8828749
CIELab	69.00, -33.67, 47.83
CIELCh	69, 58.488, 125.142
Yxy	39.3444, 0.3481, 0.4891
Android (android.graphics.Color)	4287018829 (0xFF86B74D)
YUV	156.2650, -39.0776, -19.5264
Hunter-Lab	62.7251, -30.0731, 31.5286

Details

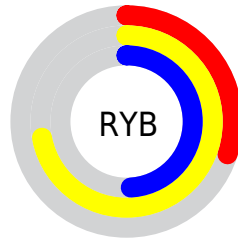
The CIELCh color **69, 58.488, 125.142** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **43, 64.341, 310.866**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 58.464, 124.918**, and **49, 58.814, 125.313** is the 20% darker color. If you saturate the color by 10%, you get **68, 66.952, 124.964**, and if you desaturate by 10%, it is **70, 49.164, 125.496**.

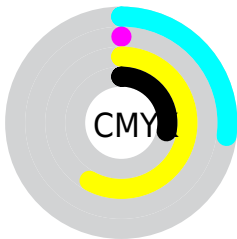
Distribution



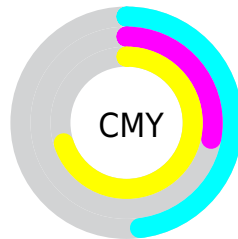
- Red (53%)
- Green (72%)
- Blue (30%)



- Red (30%)
- Yellow (72%)
- Blue (49%)



- Cyan (27%)
- Magenta (0%)
- Yellow (58%)
- Black (28%)



- Cyan (48%)
- Magenta (28%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 58.488, 125.142 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 69, 58.488, 125.142 by changing the saturation by 10% instead.

 69, 58.488,
125.142


 69, 58.488,
125.142


 100, 58.488,
125.142

 59, 58.488,
125.142

 89, 58.488,
125.142

 49, 58.488,
125.142

 99, 58.488,
125.142

 39, 58.488,
125.142

 29, 58.488,
125.142

 19, 58.488,
125.142

 9, 58.488, 125.142

 0, 58.488, 125.142

69, 58.488,
125.142

69, 58.488,
125.142

68, 66.952,
124.964

70, 49.164,
125.496

68, 74.139,
125.068

71, 39.293,
125.941

67, 79.615,
125.579

71, 29.100,
126.426

67, 83.246,
126.536

72, 18.739,
126.916

67, 83.896,
126.730

73, 8.316, 127.395

75, 2.094, 307.782

76, 12.439,
308.235

77, 22.679,
308.618

■ 78, 32.790,
308.963

Harmonies

Complementary

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



69, 58.488, 125.142



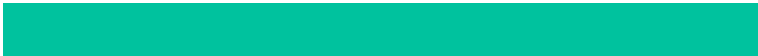
43, 64.341, 310.866

Rectangle

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



69, 58.488, 125.142



69, 58.488, 175.142



69, 58.488, 305.142



69, 58.488, 355.142

Sweetspot

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



69, 58.489, 125.143



92, 21.880, 126.950



57, 39.068, 63.301



49, 14.752, 126.853



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 58.489, 125.143



86, 84.352, 124.960



67, 67.189, 138.613



38, 5.918, 127.331



58, 74.342, 126.524



8, 16.727, 131.995

Inverse Universe

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



43, 64.341, 310.866



48, 95.061, 311.439



50, 66.948, 325.804



36, 6.004, 308.163



23, 86.829, 311.223



2, 15.863, 303.672

Previews

White Background



This preview shows how the CIELCh color 69, 58.488, 125.142 looks on a white background.

Color Contrast Check

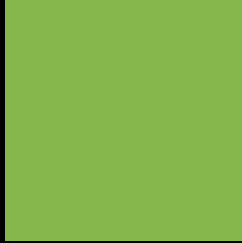
Large Text (above 18pt) WCAG AA × Fail

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 69, 58.488, 125.142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

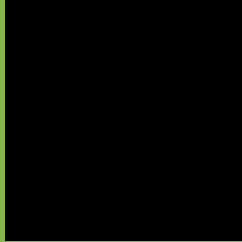
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 58.488, 125.142

Background



This preview shows how black text looks on a background with the CIELCh color 69, 58.488, 125.142.



This preview shows how white text looks on a background with the CIELCh color 69, 58.488, 125.142.

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
69, 58.488, 125.142

Protanopia
69, 51.078, 95.375

Deuteranopia
69, 46.991, 79.127



Tritanopia
69, 10.628, 241.307

Trichromacy



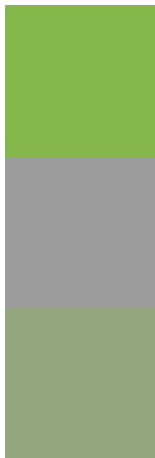
Original Color
69, 58.488, 125.142

Protanomaly
69, 51.559, 107.341

Deuteranomaly
68, 46.388, 98.810

Tritanomaly
69, 20.815, 145.795

Monochromacy



Original Color
69, 58.488, 125.142

Achromatopsia
64, 0.008, 296.813

Achromatomaly
66, 22.605, 126.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 58.488, 125.142 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(134, 183, 77)` looks like.

```
.text, #text, p{  
    color:rgb(134, 183, 77)  
}
```

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(134, 183, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 183, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 58.488, 125.142 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(134, 183, 77) }
```

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

```
.border{ border-color:rgb(134, 183, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 183, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 183, 77); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 183, 77); box-shadow:4px 4px 4px 4px rgb(134, 183, 77) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 58.488, 125.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 183, 77) }
```

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

```
.background{ background-color: rgb(134,  
183, 77) }
```

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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