

Converting Colors

CIELCh(68, 59.248, 132.692)

Have a look what the booklet for
CIELCh(68, 59.248, 132.692)
contains.

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Color

CIELCh(68, 59.248, 132.692)

Conversions

Conversions Part 1

Format	Color
Hex	72B753
RGB	114, 183, 83
RGB Percent	45%, 72%, 33%
CMY	0.5537, 0.2831, 0.6752
CMYK	0.38, 0.00, 0.55, 0.28
HSL	101°, 41%, 52%
HSV	101°, 55%, 72%
XYZ	25.3614, 37.9720, 14.1396
YIQ	150.9690, -9.0240, -45.7280

Conversions

Conversions Part 2

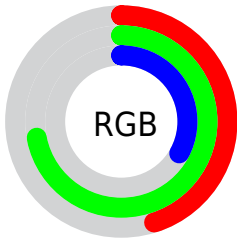
Format	Color
R _Y B	83, 183, 152
Decimal	7518035
CIE Lab	68.00, -40.17, 43.55
CIE LCh	68, 59.248, 132.692
Yxy	37.9720, 0.3274, 0.4901
Android (android.graphics.Color)	4285708115 (0xFF72B753)
YUV	150.9690, -33.5087, -32.4218
Hunter-Lab	61.6215, -34.3728, 29.5304

Details

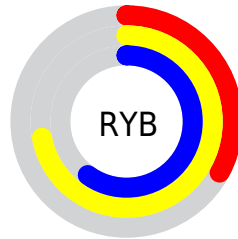
The CIELCh color **68, 59.248, 132.692** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **47, 61.682, 317.642**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 59.066, 132.726**, and **48, 58.908, 132.585** is the 20% darker color. If you saturate the color by 10%, you get **67, 68.668, 132.265**, and if you desaturate by 10%, it is **69, 49.025, 133.214**.

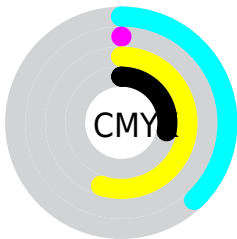
Distribution



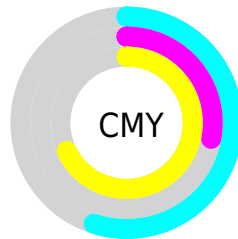
- Red (45%)
- Green (72%)
- Blue (33%)



- Red (33%)
- Yellow (72%)
- Blue (60%)



- Cyan (38%)
- Magenta (0%)
- Yellow (55%)
- Black (28%)





- Cyan (55%)
- Magenta (28%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 59.248, 132.692 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 68, 59.248, 132.692 by changing the saturation by 10% instead.


 68, 59.248,
132.692


 68, 59.248,
132.692


 100, 59.248,
132.692


 58, 59.248,
132.692


 88, 59.248,
132.692

 48, 59.248,
132.692

 98, 59.248,
132.692

 38, 59.248,
132.692

 28, 59.248,
132.692

 18, 59.248,
132.692

 8, 59.248, 132.692

 0, 59.248, 132.692

68, 59.248,
132.692

68, 59.248,
132.692

67, 68.668,
132.265

69, 49.025,
133.214

67, 76.872,
132.033

70, 38.308,
133.760

66, 83.393,
132.120

71, 27.324,
134.292

66, 87.856,
132.630

72, 16.236,
134.790

65, 89.651,
132.956

74, 5.161, 135.260

75, 5.817, 315.597

77, 16.639,
315.966

78, 27.266,
316.276

■ 80, 37.670,
316.542

Harmonies

Complementary

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



68, 59.248, 132.692



47, 61.682, 317.642

Rectangle

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



68, 59.248, 132.692



68, 59.248, 182.692



68, 59.248, 312.692



68, 59.248, 2.692

Sweetspot

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



68, 59.249, 132.693



91, 21.852, 134.714



64, 40.170, 85.267



49, 14.879, 134.614



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 59.249, 132.693



85, 86.005, 132.187



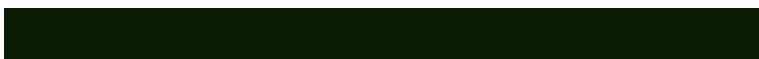
67, 57.204, 144.980



38, 6.269, 135.042



56, 79.415, 132.792



8, 17.619, 138.013

Inverse Universe

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



47, 61.682, 317.642



55, 90.009, 317.918



51, 56.816, 333.497



36, 6.321, 315.789



28, 82.869, 317.181



2, 16.628, 311.855

Previews

White Background



This preview shows how the CIELCh color 68, 59.248, 132.692 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 68, 59.248, 132.692 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 68, 59.248, 132.692

Background



This preview shows how black text looks on a background with the CIELCh color 68, 59.248, 132.692.



This preview shows how white text looks on a background with the CIELCh color 68, 59.248, 132.692.

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
68, 59.248, 132.692

Protanopia
68, 47.380, 95.509

Deuteranopia
68, 42.052, 77.768



Tritanopia
68, 15.637, 228.178

Trichromacy



Original Color
68, 59.248, 132.692



Protanomaly
67, 48.676, 111.838



Deuteranomaly
67, 42.231, 103.353

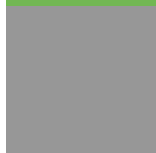


Tritanomaly
68, 24.547, 158.551

Monochromacy



Original Color
68, 59.248, 132.692



Achromatopsia
62, 0.008, 296.813



Achromatomaly
64, 22.959, 134.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 59.248, 132.692 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(114, 183, 83)` looks like.

```
.text, #text, p{  
    color:rgb(114, 183, 83)  
}
```

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(114, 183, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 183, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 59.248, 132.692 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(114, 183, 83) }
```

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

```
.border{ border-color:rgb(114, 183, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 183, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 183, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 183, 83);  
box-shadow:4px 4px 4px 4px rgb(114, 183,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 59.248, 132.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 183, 83) }
```

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

```
.background{ background-color: rgb(114,  
183, 83) }
```

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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