

Converting Colors

CIELCh(60, 36.301, 136.898)

Have a look what the booklet for
CIELCh(60, 36.301, 136.898)
contains.

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Color

CIELCh(60, 36.051, 136.998)

Conversions

Conversions Part 1

Format	Color
Hex	6F9C64
RGB	111, 156, 100
RGB Percent	44%, 61%, 39%
CMY	0.5643, 0.3878, 0.6074
CMYK	0.29, 0.00, 0.36, 0.39
HSL	108°, 22%, 50%
HSV	108°, 36%, 61%
XYZ	20.7819, 28.1233, 16.4160
YIQ	136.1610, -8.8440, -26.9560

Conversions

Conversions Part 2

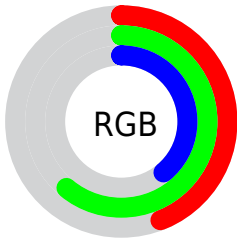
Format	Color
RYB	100, 156, 145
Decimal	7314532
CIELab	60.00, -26.37, 24.59
CIELCh	60, 36.051, 136.998
Yxy	28.1233, 0.3181, 0.4305
Android (android.graphics.Color)	4285504612 (0xFF6F9C64)
YUV	136.1610, -17.8274, -22.0662
Hunter-Lab	53.0314, -22.8548, 18.7686

Details

The CIELCh color $60, 36.051, 136.998$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $49, 36.602, 320.466$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 36.363, 136.853$, and $40, 35.921, 136.788$ is the 20% darker color. If you saturate the color by 10%, you get $59, 45.769, 136.338$, and if you desaturate by 10%, it is $61, 26.061, 137.617$.

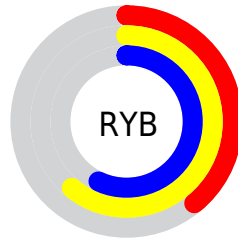
Distribution



Red (44%)

Green (61%)

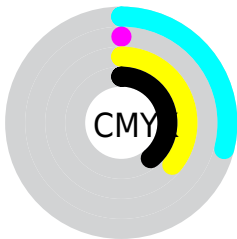
Blue (39%)



Red (39%)

Yellow (61%)

Blue (57%)

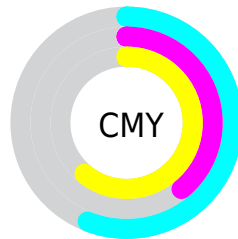


Cyan (29%)

Magenta (0%)

Yellow (36%)

Black (39%)



Cyan (56%)


Magenta (39%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 36.051, 136.998 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 60, 36.051, 136.998 by changing the saturation by 10% instead.


 60, 36.051,
136.998


 60, 36.051,
136.998


 100, 36.051,
136.998


 50, 36.051,
136.998


 80, 36.051,
136.998

 40, 36.051,
136.998

 90, 36.051,
136.998


 30, 36.051,
136.998

 20, 36.051,
136.998

 10, 36.051,
136.998

 0, 36.051, 136.998

 60, 36.051,

 60, 36.051,

136.998

136.998

■ 59, 45.769,
136.338

■ 61, 26.061,
137.617

■ 58, 54.988,
135.667

■ 62, 15.962,
138.177

■ 58, 63.412,
135.050

■ 64, 5.877, 138.688

■ 57, 70.667,
134.583

■ 65, 4.106, 319.045

■ 57, 76.336,
134.386

■ 67, 13.926,
319.445

■ 56, 80.139,
134.539

■ 68, 23.539,
319.769

■ 56, 81.425,
134.571

■ 70, 32.920,
320.044

■ 72, 42.055,
320.278

■ 74, 50.937,
320.477

Harmonies

Complementary

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



60, 36.051, 136.998



49, 36.602, 320.466

Rectangle

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



60, 36.051, 136.998



60, 36.051, 186.998



60, 36.051, 316.998



60, 36.051, 6.998

Sweetspot

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



60, 36.052, 136.999



80, 13.724, 138.419



60, 25.471, 96.278



42, 9.206, 138.356



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 36.052, 136.999



76, 53.447, 136.474



60, 30.896, 151.331



33, 5.726, 138.518



52, 76.211, 134.496



3, 7.496, 139.220

Inverse Universe

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



49, 36.602, 320.466



59, 54.389, 320.780



50, 31.246, 336.872



31, 5.757, 319.299



28, 76.394, 320.970



1, 7.405, 317.947

Previews

White Background



This preview shows how the CIELCh color 60, 36.051, 136.998 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 36.051, 136.998 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 × Fail

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

CIELCh 60, 36.051, 136.998

Background



This preview shows how black text looks on a background with the CIELCh color 60, 36.051, 136.998.



This preview shows how white text looks on a background with the CIELCh color 60, 36.051, 136.998.

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
60, 36.051, 136.998

Protanopia
60, 27.819, 96.102

Deuteranopia
60, 24.215, 71.366



Tritanopia
60, 11.830, 233.814

Trichromacy



Original Color
60, 36.051, 136.998

Protanomaly
60, 28.477, 113.850

Deuteranomaly
60, 23.505, 103.272

Tritanomaly
60, 15.192, 169.081

Monochromacy



Original Color
60, 36.051, 136.998

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 13.063, 138.178

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 36.051, 136.998 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(111, 156, 100)` looks like.

```
.text, #text, p{  
    color:rgb(111, 156, 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(111, 156, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 156, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 36.051, 136.998 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(111, 156, 100) }
```

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

```
.border{ border-color:rgb(111, 156, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 156, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 156, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 156, 100);  
box-shadow:4px 4px 4px 4px rgb(111, 156,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 36.051, 136.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 156, 100) }
```

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

```
.background{ background-color: rgb(111,  
156, 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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