

Converting Colors

CIELCh(60, 47.461, 113.503)

Have a look what the booklet for
CIELCh(60, 47.461, 113.503)
contains.

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Color

CIELCh(60, 47.461, 113.503)

Conversions

Conversions Part 1

Format	Color
Hex	889840
RGB	136, 152, 64
RGB Percent	53%, 60%, 25%
CMY	0.4661, 0.4033, 0.7485
CMYK	0.11, 0.00, 0.58, 0.40
HSL	71°, 41%, 42%
HSV	71°, 58%, 60%
XYZ	22.3596, 28.1233, 9.1213
YIQ	137.1840, 18.7120, -30.7600

Conversions

Conversions Part 2

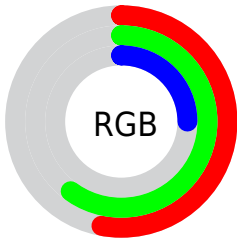
Format	Color
RYB	64, 152, 80
Decimal	8951872
CIELab	60.00, -18.93, 43.52
CIELCh	60, 47.461, 113.503
Yxy	28.1233, 0.3751, 0.4718
Android (android.graphics.Color)	4287141952 (0xFF889840)
YUV	137.1840, -36.0797, -1.0384
Hunter-Lab	53.0314, -17.5441, 26.9243

Details

The CIELCh color $60, 47.461, 113.503$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $33, 55.091, 303.094$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 47.304, 113.467$, and $40, 47.429, 113.238$ is the 20% darker color. If you saturate the color by 10%, you get $60, 54.224, 113.098$, and if you desaturate by 10%, it is $60, 39.959, 114.055$.

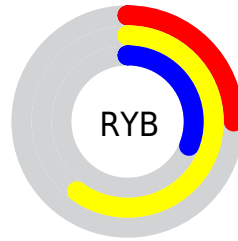
Distribution



Red (53%)

Green (60%)

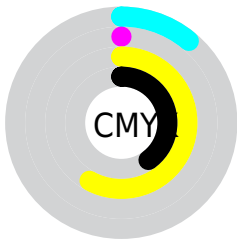
Blue (25%)



Red (25%)

Yellow (60%)

Blue (31%)

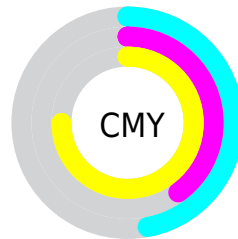


Cyan (11%)

Magenta (0%)

Yellow (58%)

Black (40%)



Cyan (47%)


Magenta (40%)


Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 47.461, 113.503 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, 47.461, 113.503 by changing the saturation by 10% instead.


 60, 47.461,
113.503


 60, 47.461,
113.503


 100, 47.461,
113.503


 50, 47.461,
113.503


 80, 47.461,
113.503

 40, 47.461,
113.503

 90, 47.461,
113.503

 30, 47.461,
113.503

 20, 47.461,
113.503

 10, 47.461,
113.503

 0, 47.461, 113.503

 60, 47.461,

 60, 47.461,

113.503

■ 60, 54.224,
113.098

■ 59, 59.898,
112.909

■ 59, 64.106,
113.020

■ 59, 66.789,
113.450

■ 59, 67.325,
113.546

113.503

■ 60, 39.959,
114.055

■ 61, 31.979,
114.690

■ 61, 23.704,
115.371

■ 62, 15.257,
116.067

■ 62, 6.717, 116.760

■ 63, 1.859, 297.434

■ 64, 10.433,
298.086

■ 64, 18.978,
298.706

■ 65, 27.475,
299.293

Harmonies

Complementary

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



60, 47.461, 113.503



33, 55.091, 303.094

Rectangle

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



60, 47.461, 113.503



60, 47.461, 163.503



60, 47.461, 293.503



60, 47.461, 343.503

Sweetspot

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



60, 47.462, 113.505



79, 18.085, 116.102



42, 36.792, 37.614



41, 12.059, 115.976



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



60, 47.462, 113.505



76, 68.029, 113.026



57, 53.363, 131.909



32, 4.862, 116.665



55, 63.422, 113.475



3, 5.285, 117.813

Inverse Universe

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



33, 55.091, 303.094



37, 82.599, 304.726



38, 55.905, 316.985



30, 4.961, 297.953



16, 84.478, 307.256



0, 5.277, 297.172

Previews

White Background



This preview shows how the CIELCh color 60, 47.461, 113.503 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, 47.461, 113.503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

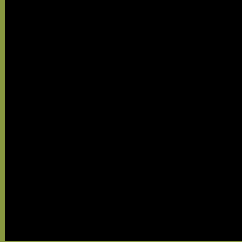
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 47.461, 113.503

Background



This preview shows how black text looks on a background with the CIELCh color 60, 47.461, 113.503.



This preview shows how white text looks on a background with the CIELCh color 60, 47.461, 113.503.

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, 47.461, 113.503

Protanopia
60, 45.390, 95.687

Deuteranopia
60, 43.020, 79.490



Tritanopia
60, 6.342, 301.195

Trichromacy



Original Color
60, 47.461, 113.503

Protanomaly
60, 45.617, 102.671

Deuteranomaly
60, 42.513, 92.892

Tritanomaly
60, 14.128, 115.230

Monochromacy



Original Color
60, 47.461, 113.503

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 18.170, 115.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 47.461, 113.503 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(136, 152, 64)` looks like.

```
.text, #text, p{  
    color:rgb(136, 152, 64)  
}
```

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(136, 152, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 152, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 47.461, 113.503 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(136, 152, 64) }
```

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

```
.border{ border-color:rgb(136, 152, 64) }
```

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

Here you see how a box with a 4 pixel rgb(136, 152, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 152, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 152, 64);  
box-shadow:4px 4px 4px 4px rgb(136, 152,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 47.461, 113.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 152, 64) }
```

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

```
.background{ background-color: rgb(136,  
152, 64) }
```

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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