

Converting Colors

CIELCh(61, 64.726, 113.041)

Have a look what the booklet for
CIELCh(61, 64.726, 113.041)
contains.

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Color

CIELCh(61, 64.504, 112.883)

Conversions

Conversions Part 1

Format	Color
Hex	859D18
RGB	133, 157, 24
RGB Percent	52%, 62%, 9%
CMY	0.4777, 0.3836, 0.9048
CMYK	0.15, 0.00, 0.85, 0.38
HSL	71°, 73%, 36%
HSV	71°, 85%, 62%
XYZ	21.9611, 29.2481, 5.3670
YIQ	134.6620, 28.3890, -46.4510

Conversions

Conversions Part 2

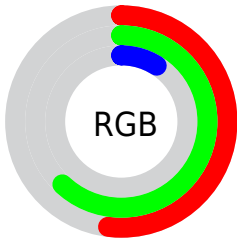
Format	Color
R_{YB}	24, 157, 48
Decimal	8756504
CIE Lab	61.00, -25.08, 59.43
CIE LCh	61, 64.504, 112.883
Yxy	29.2481, 0.3882, 0.5170
Android (android.graphics.Color)	4286946584 (0xFF859D18)
YUV	134.6620, -54.5564, -1.4576
Hunter-Lab	54.0815, -22.1585, 31.9732

Details

The CIELCh color **61, 64.504, 112.883** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **23, 82.494, 306.280**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 64.698, 113.137**, and **41, 52.703, 116.958** is the 20% darker color. If you saturate the color by 10%, you get **61, 67.619, 113.241**, and if you desaturate by 10%, it is **61, 59.685, 112.877**.

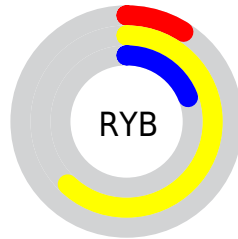
Distribution



Red (52%)

Green (62%)

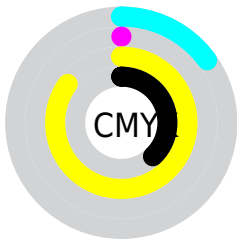
Blue (9%)



Red (9%)

Yellow (62%)

Blue (19%)

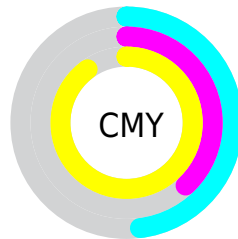


Cyan (15%)

Magenta (0%)

Yellow (85%)

Black (38%)



Cyan (48%)


Magenta (38%)

Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 64.504, 112.883 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 61, 64.504, 112.883 by changing the saturation by 10% instead.

 61, 64.504,
112.883


 61, 64.504,
112.883


 100, 64.504,
112.883


 51, 64.504,
112.883


 81, 64.504,
112.883

 41, 64.504,
112.883

 91, 64.504,
112.883

 31, 64.504,
112.883

 21, 64.504,
112.883

 11, 64.504,
112.883

 1, 64.504, 112.883

 0, 64.504, 112.883

■ 61, 64.504,
112.883

■ 61, 64.504,
112.883

■ 61, 67.619,
113.241

■ 61, 59.685,
112.877

■ 61, 68.943,
113.503

■ 62, 53.472,
113.146

■ 62, 46.257,
113.607

■ 62, 38.374,
114.193

■ 63, 30.067,
114.850

■ 63, 21.502,
115.541

■ 64, 12.790,
116.241

■ 65, 4.004, 116.934

Harmonies

Complementary

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



61, 64.504, 112.883



23, 82.494, 306.280

Rectangle

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



61, 64.504, 112.883



61, 64.504, 162.883



61, 64.504, 292.883



61, 64.504, 342.883

Sweetspot

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



61, 64.504, 112.885



80, 27.058, 115.476



36, 59.269, 40.957



42, 18.384, 115.250



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 64.504, 112.885



77, 83.710, 113.694



58, 73.565, 131.528



33, 4.996, 116.611



55, 64.245, 113.421



4, 6.585, 118.429

Inverse Universe

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



23, 82.494, 306.280



26, 111.732, 307.060



31, 77.737, 317.131



31, 5.098, 297.909



16, 85.620, 307.234



0, 6.561, 296.881

Previews

White Background



This preview shows how the CIE LCh color 61, 64.504, 112.883 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 61, 64.504, 112.883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

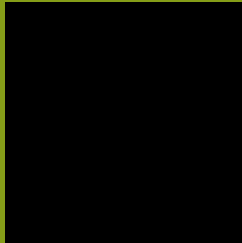
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 64.504, 112.883

Background



This preview shows how black text looks on a background with the CIELCh color 61, 64.504, 112.883.



This preview shows how white text looks on a background with the CIELCh color 61, 64.504, 112.883.

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


61, 64.504, 112.883

Protanopia

61, 61.384, 94.922

Deuteranopia

61, 58.039, 81.924



Tritanopia
61, 6.769, 287.773

Trichromacy



Original Color
61, 64.504, 112.883

Protanomaly
61, 61.841, 101.960

Deuteranomaly
61, 58.108, 94.341

Tritanomaly
60, 23.113, 116.979

Monochromacy



Original Color
61, 64.504, 112.883

Achromatopsia
56, 0.007, 296.813

Achromatomaly
58, 27.082, 115.232

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 64.504, 112.883 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(133, 157, 24)` looks like.

```
.text, #text, p{  
    color:rgb(133, 157, 24)  
}
```

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(133, 157, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 157, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 64.504, 112.883 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(133, 157, 24) }
```

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

```
.border{ border-color:rgb(133, 157, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 157, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 157, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 157, 24);  
box-shadow:4px 4px 4px 4px rgb(133, 157,  
24) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 64.504, 112.883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 157, 24) }
```

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

```
.background{ background-color: rgb(133,  
157, 24) }
```

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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