

Converting Colors

CIELCh(60, 65.509, 112.279)

Have a look what the booklet for
CIELCh(60, 65.509, 112.279)
contains.

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Color

CIELCh(60, 65.280, 112.245)

Conversions

Conversions Part 1

Format	Color
Hex	839A10
RGB	131, 154, 16
RGB Percent	51%, 60%, 6%
CMY	0.4848, 0.3946, 0.9385
CMYK	0.15, 0.00, 0.90, 0.39
HSL	70°, 82%, 33%
HSV	70°, 90%, 61%
XYZ	21.1257, 28.1233, 4.7921
YIQ	131.3910, 30.5900, -47.7940

Conversions

Conversions Part 2

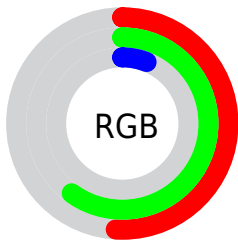
Format	Color
R_{YB}	16, 154, 39
Decimal	8624656
CIE Lab	60.00, -24.71, 60.42
CIE LCh	60, 65.280, 112.245
Yxy	28.1233, 0.3909, 0.5204
Android (android.graphics.Color)	4286814736 (0xFF839A10)
YUV	131.3910, -56.8878, -0.3429
Hunter-Lab	53.0314, -21.6974, 31.7644

Details

The CIELCh color **60, 65.280, 112.245** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **21, 85.199, 306.487**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 65.011, 112.286**, and **40, 51.605, 116.802** is the 20% darker color. If you saturate the color by 10%, you get **60, 67.781, 112.658**, and if you desaturate by 10%, it is **60, 61.407, 112.105**.

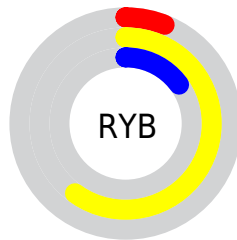
Distribution



Red (51%)

Green (60%)

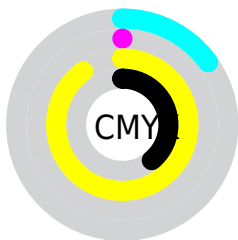
Blue (6%)



Red (6%)

Yellow (60%)

Blue (15%)

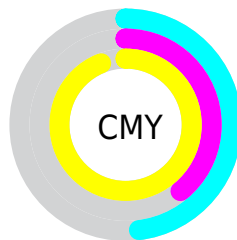


Cyan (15%)

Magenta (0%)

Yellow (90%)

Black (39%)



Cyan (48%)


Magenta (39%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 65.280, 112.245 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, 65.280, 112.245 by changing the saturation by 10% instead.


 60, 65.280,
112.245


 60, 65.280,
112.245


 100, 65.280,
112.245


 50, 65.280,
112.245


 80, 65.280,
112.245

 40, 65.280,
112.245

 90, 65.280,
112.245


 30, 65.280,
112.245

 20, 65.280,
112.245

 10, 65.280,
112.245

 0, 65.280, 112.245

 60, 65.280,

 60, 65.280,

112.245

■ 60, 67.781,
112.658

■ 60, 67.819,
112.664

112.245

■ 60, 61.407,
112.105

■ 61, 55.975,
112.271

■ 61, 49.355,
112.665

■ 61, 41.915,
113.213

■ 62, 33.941,
113.855

■ 62, 25.635,
114.549

■ 63, 17.131,
115.264

■ 63, 8.519, 115.979

Harmonies

Complementary

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



60, 65.280, 112.245



21, 85.199, 306.487

Rectangle

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



60, 65.280, 112.245



60, 65.280, 162.245



60, 65.280, 292.245



60, 65.280, 342.245

Sweetspot

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



60, 65.280, 112.247



79, 28.849, 114.713



34, 62.678, 40.904



42, 19.555, 114.489



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, 65.280, 112.247



76, 82.660, 112.848



56, 74.606, 131.334



32, 4.855, 116.023



55, 63.213, 112.586



3, 5.276, 117.184

Inverse Universe

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



21, 85.199, 306.487



25, 110.855, 306.959



29, 79.322, 316.467



30, 4.954, 297.352



16, 84.638, 307.128



0, 5.270, 296.560

Previews

White Background



This preview shows how the CIELCh color 60, 65.280, 112.245 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 CIE LCh color 60, 65.280, 112.245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

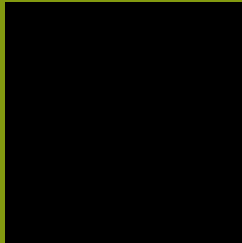
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 65.280, 112.245

Background



This preview shows how black text looks on a background with the CIELCh color 60, 65.280, 112.245.



This preview shows how white text looks on a background with the CIELCh color 60, 65.280, 112.245.

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, 65.100, 112.288

Protanopia
60, 62.571, 95.275

Deuteranopia
60, 59.057, 82.494



Tritanopia
60, 6.222, 287.425

Trichromacy



Original Color
60, 65.100, 112.288

Protanomaly
60, 62.647, 101.361

Deuteranomaly
60, 59.148, 93.784

Tritanomaly
60, 24.784, 116.201

Monochromacy



Original Color
60, 65.100, 112.288

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 28.187, 113.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 65.280, 112.245 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(131, 154, 16)` looks like.

```
.text, #text, p{  
    color:rgb(131, 154, 16)  
}
```

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(131, 154, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 154, 16) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 65.280, 112.245 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(131, 154, 16) }
```

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

```
.border{ border-color:rgb(131, 154, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 154, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 154, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 154, 16);  
box-shadow:4px 4px 4px 4px rgb(131, 154,  
16) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 65.280, 112.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 154, 16) }
```

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

```
.background{ background-color: rgb(131,  
154, 16) }
```

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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