

Converting Colors

CIELCh(63, 63.425, 112.817)

Have a look what the booklet for
CIELCh(63, 63.425, 112.817)
contains.

CIELCh(63, 63.207, 112.870)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(63, 63.207, 112.870)

Conversions

Conversions Part 1

Format	Color
Hex	8BA223
RGB	139, 162, 35
RGB Percent	55%, 64%, 14%
CMY	0.4537, 0.3635, 0.8613
CMYK	0.14, 0.00, 0.78, 0.36
HSL	71°, 64%, 39%
HSV	71°, 78%, 64%
XYZ	23.9824, 31.5869, 6.4510
YIQ	140.6450, 27.0590, -44.3730

Conversions

Conversions Part 2

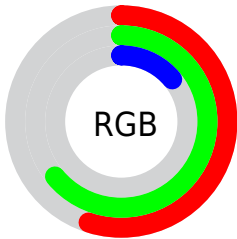
Format	Color
RYB	35, 162, 58
Decimal	9151011
CIELab	63.00, -24.56, 58.24
CIElCh	63, 63.207, 112.870
Yxy	31.5869, 0.3867, 0.5093
Android (android.graphics.Color)	4287341091 (0xFF8BA223)
YUV	140.6450, -52.0830, -1.4427
Hunter-Lab	56.2022, -22.1850, 32.5361

Details

The CIELCh color **63, 63.207, 112.870** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **26, 79.114, 305.687**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 63.312, 113.091**, and **43, 53.750, 115.623** is the 20% darker color. If you saturate the color by 10%, you get **63, 67.502, 113.010**, and if you desaturate by 10%, it is **63, 57.331, 113.043**.

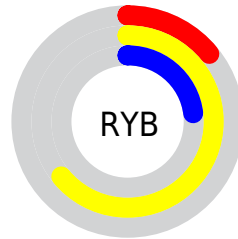
Distribution



Red (55%)

Green (64%)

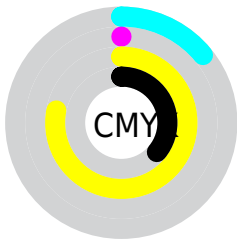
Blue (14%)



Red (14%)

Yellow (64%)

Blue (23%)

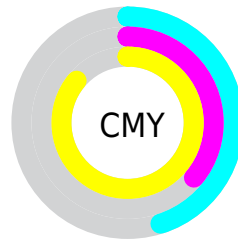


Cyan (14%)

Magenta (0%)

Yellow (78%)

Black (36%)



Cyan (45%)


Magenta (36%)


Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 63.207, 112.870 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 63, 63.207, 112.870 by changing the saturation by 10% instead.

 63, 63.207,
112.870


 63, 63.207,
112.870


 100, 63.207,
112.870


 53, 63.207,
112.870


 83, 63.207,
112.870

 43, 63.207,
112.870

 93, 63.207,
112.870

 33, 63.207,
112.870

 23, 63.207,
112.870

 13, 63.207,
112.870

 3, 63.207, 112.870

 0, 63.207, 112.870

■ 63, 63.207,
112.870

■ 63, 63.207,
112.870

■ 63, 67.502,
113.010

■ 63, 57.331,
113.043

■ 62, 70.165,
113.474

■ 64, 50.272,
113.441

■ 62, 70.601,
113.562

■ 64, 42.405,
113.987

■ 65, 34.018,
114.623

■ 65, 25.309,
115.306

■ 66, 16.412,
116.006

■ 66, 7.413, 116.704

■ 67, 1.626, 297.383

■ 68, 10.665,
298.041

Harmonies

Complementary

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



63, 63.207, 112.870



26, 79.114, 305.687

Rectangle

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



63, 63.207, 112.870



63, 63.207, 162.870



63, 63.207, 292.870



63, 63.207, 342.870

Sweetspot

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



63, 63.207, 112.872



83, 25.675, 115.640



39, 55.734, 40.127



44, 17.882, 115.397



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 63.207, 112.872



80, 84.717, 113.360



60, 71.786, 131.426



34, 5.129, 116.631



56, 65.092, 113.469



5, 8.057, 119.006

Inverse Universe

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



26, 79.114, 305.687



29, 111.786, 306.919



34, 75.833, 317.236



32, 5.234, 297.934



17, 86.739, 307.229



1, 8.009, 296.603

Previews

White Background



This preview shows how the CIELCh color 63, 63.207, 112.870 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 63, 63.207, 112.870 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 63, 63.207, 112.870

Background



This preview shows how black text looks on a background with the CIELCh color 63, 63.207, 112.870.



This preview shows how white text looks on a background with the CIELCh color 63, 63.207, 112.870.

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
63, 63.207, 112.870

Protanopia
63, 60.214, 95.603

Deuteranopia
63, 57.220, 81.574



Tritanopia
63, 6.739, 294.088

Trichromacy



Original Color
63, 63.207, 112.870

Protanomaly
63, 60.368, 102.251

Deuteranomaly
63, 57.059, 94.064

Tritanomaly
62, 21.298, 116.789

Monochromacy



Original Color
63, 63.207, 112.870

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 25.832, 115.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 63.207, 112.870 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(139, 162, 35)` looks like.

```
.text, #text, p{  
    color:rgb(139, 162, 35)  
}
```

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(139, 162, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 162, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 63.207, 112.870 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(139, 162, 35) }
```

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

```
.border{ border-color:rgb(139, 162, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 162, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 162, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 162, 35);  
box-shadow:4px 4px 4px 4px rgb(139, 162,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 63.207, 112.870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 162, 35) }
```

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

```
.background{ background-color: rgb(139,  
162, 35) }
```

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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