

Converting Colors

CIELCh(60, 63.931, 105.376)

Have a look what the booklet for
CIELCh(60, 63.931, 105.376)
contains.

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Color

CIELCh(60, 64.024, 105.495)

Conversions

Conversions Part 1

Format	Color
Hex	91970B
RGB	145, 151, 11
RGB Percent	57%, 59%, 4%
CMY	0.4319, 0.4083, 0.9579
CMYK	0.04, 0.00, 0.93, 0.41
HSL	63°, 87%, 32%
HSV	63°, 93%, 59%
XYZ	22.7582, 28.1233, 4.5371
YIQ	133.2460, 41.3640, -44.8120

Conversions

Conversions Part 2

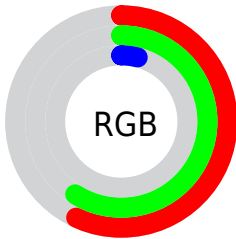
Format	Color
RYB	11, 151, 17
Decimal	9541387
CIELab	60.00, -17.10, 61.70
CIElCh	60, 64.024, 105.495
Yxy	28.1233, 0.4107, 0.5075
Android (android.graphics.Color)	4287731467 (0xFF91970B)
YUV	133.2460, -60.2673, 10.3083
Hunter-Lab	53.0314, -16.2027, 32.0495

Details

The CIELCh color **60, 64.024, 105.495** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **18, 86.427, 305.701**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 63.976, 105.571**, and **40, 49.080, 108.624** is the 20% darker color. If you saturate the color by 10%, you get **60, 65.606, 105.461**, and if you desaturate by 10%, it is **60, 60.886, 105.668**.

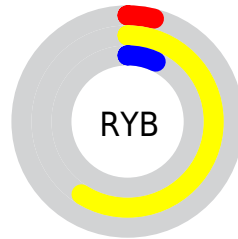
Distribution



Red (57%)

Green (59%)

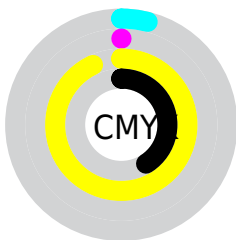
Blue (4%)



Red (4%)

Yellow (59%)

Blue (7%)

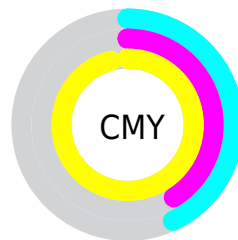


Cyan (4%)

Magenta (0%)

Yellow (93%)

Black (41%)



Cyan (43%)


Magenta (41%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 64.024, 105.495 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, 64.024, 105.495 by changing the saturation by 10% instead.

 60, 64.024,
105.495

 60, 64.024,
105.495

 100, 64.024,
105.495

 50, 64.024,
105.495

 80, 64.024,
105.495

 40, 64.024,
105.495

 90, 64.024,
105.495


 30, 64.024,
105.495

 20, 64.024,
105.495

 10, 64.024,
105.495

 0, 64.024, 105.495

 60, 64.024,

 60, 64.024,

105.495

105.495

■ 60, 65.606,
105.461

■ 60, 60.886,
105.668

■ 60, 56.111,
106.061

■ 60, 50.035,
106.635

■ 61, 43.037,
107.341

■ 61, 35.429,
108.136

■ 61, 27.437,
108.984

■ 61, 19.212,
109.859

■ 62, 10.855,
110.740

Harmonies

Complementary

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



60, 64.024, 105.495



18, 86.427, 305.701

Rectangle

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



60, 64.024, 105.495



60, 64.024, 155.495



60, 64.024, 285.495



60, 64.024, 335.495

Sweetspot

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



60, 64.024, 105.497



78, 29.044, 109.360



32, 66.055, 38.164



41, 20.153, 109.011



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, 64.024, 105.497



76, 79.722, 105.514



56, 71.960, 128.281



32, 4.818, 111.059



56, 62.200, 105.445



3, 5.234, 112.079

Inverse Universe

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



18, 86.427, 305.701



24, 109.706, 306.404



25, 80.637, 313.150



30, 4.922, 292.728



15, 85.518, 306.464



0, 5.234, 291.838

Previews

White Background



This preview shows how the CIELCh color 60, 64.024, 105.495 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, 64.024, 105.495 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, 64.024, 105.495

Background



This preview shows how black text looks on a background with the CIELCh color 60, 64.024, 105.495.



This preview shows how white text looks on a background with the CIELCh color 60, 64.024, 105.495.

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, 64.024, 105.495

Protanopia

60, 63.169, 95.279

Deuteranopia

60, 60.209, 82.746



Tritanopia
60, 8.534, 333.565

Trichromacy



Original Color
60, 64.024, 105.495

Protanomaly
60, 63.204, 99.169

Deuteranomaly
60, 60.547, 91.572

Tritanomaly
59, 24.756, 100.289

Monochromacy



Original Color
60, 64.024, 105.495

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 28.525, 109.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 64.024, 105.495 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(145, 151, 11)` looks like.

```
.text, #text, p{  
    color:rgb(145, 151, 11)  
}
```

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(145, 151, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 151, 11) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 64.024, 105.495 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(145, 151, 11) }
```

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

```
.border{ border-color:rgb(145, 151, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 151, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 151, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 151, 11);  
box-shadow:4px 4px 4px 4px rgb(145, 151,  
11) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 64.024, 105.495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 151, 11) }
```

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

```
.background{ background-color: rgb(145,  
151, 11) }
```

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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