

Converting Colors

CIELCh(64, 73.653, 105.143)

Have a look what the booklet for
CIELCh(64, 73.653, 105.143)
contains.

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Color

CIELCh(64, 69.125, 105.495)

Conversions

Conversions Part 1

Format	Color
Hex	9BA200
RGB	155, 162, 0
RGB Percent	61%, 64%, 0%
CMY	0.3922, 0.3648, 1.0000
CMYK	0.04, 0.00, 1.00, 0.36
HSL	63°, 100%, 32%
HSV	63°, 100%, 64%
XYZ	26.4315, 32.8017, 4.9371
YIQ	141.4390, 47.8300, -51.8660

Conversions

Conversions Part 2

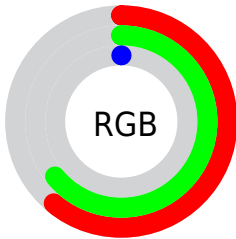
Format	Color
RYB	0, 162, 7
Decimal	10199552
CIELab	64.00, -18.47, 66.61
CIELCh	64, 69.125, 105.495
Yxy	32.8017, 0.4119, 0.5112
Android (android.graphics.Color)	4288389632 (0xFF9BA200)
YUV	141.4390, -69.7294, 11.8930
Hunter-Lab	57.2727, -17.8492, 34.9799

Details

The CIELCh color **64, 69.125, 105.495** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **19, 95.070, 306.437**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 69.091, 105.635**, and **44, 52.895, 109.156** is the 20% darker color. If you saturate the color by 10%, you get **64, 69.121, 105.498**, and if you desaturate by 10%, it is **64, 66.840, 105.535**.

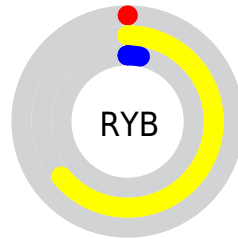
Distribution



Red (61%)

Green (64%)

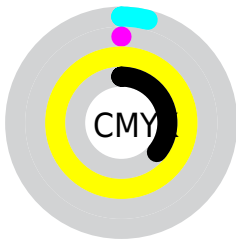
Blue (0%)



Red (0%)

Yellow (64%)

Blue (3%)

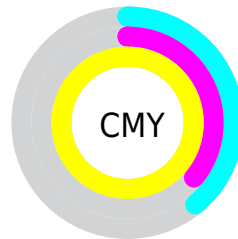


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (39%)

Magenta (36%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 69.125, 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 64, 69.125, 105.495 by changing the saturation by 10% instead.

 64, 69.125,
105.495


 64, 69.125,
105.495

 100, 69.125,
105.495

 54, 69.125,
105.495

 84, 69.125,
105.495

 44, 69.125,
105.495

 94, 69.125,
105.495

 34, 69.125,
105.495

 24, 69.125,
105.495

 14, 69.125,
105.495

 4, 69.125, 105.495

 0, 69.125, 105.495

■ 64, 69.125,
105.495

■ 64, 69.125,
105.495

■ 64, 69.121,
105.498

■ 64, 66.840,
105.535

■ 64, 63.078,
105.762

■ 64, 57.644,
106.206

■ 65, 50.924,
106.820

■ 65, 43.314,
107.556

■ 65, 35.125,
108.372

■ 65, 26.577,
109.234

■ 66, 17.814,

110.117

■ 66, 8.932, 111.001

Harmonies

Complementary

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



64, 69.125, 105.495



19, 95.070, 306.437

Rectangle

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



64, 69.125, 105.495



64, 69.125, 155.495



64, 69.125, 285.495



64, 69.125, 335.495

Sweetspot

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



64, 69.121, 105.498



83, 33.028, 109.184



34, 73.753, 40.201



44, 22.642, 108.835



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 69.121, 105.498



82, 84.330, 105.548



59, 78.393, 128.943



34, 5.084, 111.065



58, 63.841, 105.474



5, 7.955, 112.425

Inverse Universe

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



19, 95.070, 306.437



26, 116.062, 306.395



26, 88.148, 312.794



32, 5.193, 292.750



16, 87.781, 306.458



0, 7.952, 291.720

Previews

White Background



This preview shows how the CIELCh color 64, 69.125, 105.495 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 CIE LCh color 64, 69.125, 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 ✓ Pass

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

CIELCh 64, 69.125, 105.495

Background



This preview shows how black text looks on a background with the CIELCh color 64, 69.125, 105.495.



This preview shows how white text looks on a background with the CIELCh color 64, 69.125, 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


64, 69.125, 105.495

Protanopia

64, 67.509, 94.943

Deuteranopia

64, 64.263, 82.498



Tritanopia
64, 8.424, 333.524

Trichromacy



Original Color
64, 69.125, 105.495

Protanomaly
64, 67.921, 98.956

Deuteranomaly
64, 64.855, 91.104

Tritanomaly
63, 28.741, 101.004

Monochromacy



Original Color
64, 69.125, 105.495

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 32.509, 108.772

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 69.125, 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(155, 162, 0)` looks like.

```
.text, #text, p{  
    color:rgb(155, 162, 0)  
}
```

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(155, 162, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 162, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 69.125, 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(155, 162, 0) }
```

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

```
.border{ border-color:rgb(155, 162, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 162, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 162, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 162, 0);  
box-shadow:4px 4px 4px 4px rgb(155, 162,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 69.125, 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(155, 162, 0) }
```

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

```
.background{ background-color: rgb(155,  
162, 0) }
```

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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