

Converting Colors

CIELCh(65, 95.576, 105.978)

Have a look what the booklet for
CIELCh(65, 95.576, 105.978)
contains.

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Color

CIELCh(65, 71.593, 110.042)

Conversions

Conversions Part 1

Format	Color
Hex	93A700
RGB	147, 167, 0
RGB Percent	58%, 65%, 0%
CMY	0.4218, 0.3433, 1.0000
CMYK	0.12, 0.00, 1.00, 0.34
HSL	67°, 100%, 33%
HSV	67°, 100%, 66%
XYZ	26.0066, 34.0472, 5.1647
YIQ	141.9820, 41.6870, -56.1770

Conversions

Conversions Part 2

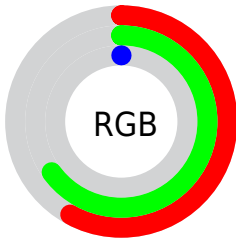
Format	Color
RYB	0, 167, 20
Decimal	9676544
CIELab	65.00, -24.54, 67.26
CIELCh	65, 71.593, 110.042
Yxy	34.0472, 0.3988, 0.5220
Android (android.graphics.Color)	4287866624 (0xFF93A700)
YUV	141.9820, -69.9971, 4.4008
Hunter-Lab	58.3500, -22.5549, 35.5971

Details

The CIELCh color **65, 71.593, 110.042** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **20, 96.951, 306.746**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 71.377, 109.914**, and **45, 55.251, 114.712** is the 20% darker color. If you saturate the color by 10%, you get **65, 71.432, 110.075**, and if you desaturate by 10%, it is **65, 69.053, 109.789**.

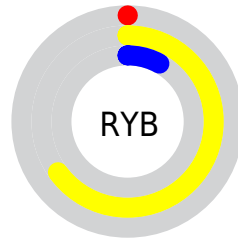
Distribution



Red (58%)

Green (65%)

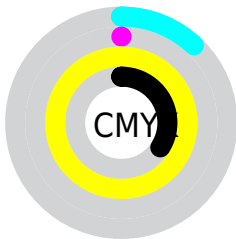
Blue (0%)



Red (0%)

Yellow (65%)

Blue (8%)

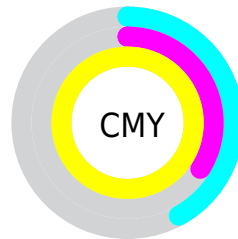


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (34%)



Cyan (42%)


Magenta (34%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 71.593, 110.042 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 65, 71.593, 110.042 by changing the saturation by 10% instead.


 65, 71.593,
110.042


 65, 71.593,
110.042


 100, 71.593,
110.042


 55, 71.593,
110.042


 85, 71.593,
110.042

 45, 71.593,
110.042

 95, 71.593,
110.042

 35, 71.593,
110.042

 25, 71.593,
110.042

 15, 71.593,
110.042

 5, 71.593, 110.042

 0, 71.593, 110.042

■ 65, 71.593,
110.042

■ 65, 71.593,
110.042

■ 65, 71.432,
110.075

■ 65, 69.053,
109.789

■ 65, 65.134,
109.758

■ 66, 59.501,
110.010

■ 66, 52.552,
110.475

■ 66, 44.692,
111.088

■ 67, 36.239,
111.793

■ 67, 27.418,
112.550

■ 68, 18.376,

113.328

■ 68, 9.212, 114.107

Harmonies

Complementary

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



65, 71.593, 110.042



20, 96.951, 306.746

Rectangle

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



65, 71.593, 110.042



65, 71.593, 160.042



65, 71.593, 290.042



65, 71.593, 340.042

Sweetspot

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



65, 71.432, 110.075



85, 33.809, 112.508



35, 74.382, 41.532



45, 23.178, 112.198



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 71.432, 110.075



82, 86.597, 110.200



61, 82.373, 131.273



35, 5.235, 114.162



58, 65.189, 110.004



6, 9.630, 116.515

Inverse Universe

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



20, 96.951, 306.746



27, 117.644, 306.665



29, 88.793, 314.950



33, 5.346, 295.632



17, 88.427, 306.796



1, 9.592, 294.223

Previews

White Background



This preview shows how the CIELCh color 65, 71.593, 110.042 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 65, 71.593, 110.042 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 65, 71.593, 110.042

Background



This preview shows how black text looks on a background with the CIELCh color 65, 71.593, 110.042.



This preview shows how white text looks on a background with the CIELCh color 65, 71.593, 110.042.

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
65, 71.286, 110.080

Protanopia
65, 68.441, 95.080

Deuteranopia
65, 64.592, 82.274



Tritanopia
65, 6.865, 303.429

Trichromacy



Original Color
65, 71.286, 110.080

Protanomaly
65, 68.758, 100.556

Deuteranomaly
65, 65.483, 93.356

Tritanomaly
64, 29.052, 111.214

Monochromacy



Original Color
65, 71.286, 110.080

Achromatopsia
59, 0.008, 296.813

Achromatomaly
61, 33.619, 111.571

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 71.593, 110.042 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(147, 167, 0)` looks like.

```
.text, #text, p{  
    color:rgb(147, 167, 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(147, 167, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 167, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 71.593, 110.042 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(147, 167, 0) }
```

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

```
.border{ border-color:rgb(147, 167, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 167, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 167, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 167, 0);  
box-shadow:4px 4px 4px 4px rgb(147, 167,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 71.593, 110.042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 167, 0) }
```

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

```
.background{ background-color: rgb(147,  
167, 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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