

Converting Colors

CIELCh(65, 35.148, 107.486)

Have a look what the booklet for
CIELCh(65, 35.148, 107.486)
contains.

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Color

CIELCh(65, 35.220, 107.796)

Conversions

Conversions Part 1

Format	Color
Hex	A0A261
RGB	160, 162, 97
RGB Percent	63%, 64%, 38%
CMY	0.3736, 0.3658, 0.6206
CMYK	0.01, 0.00, 0.40, 0.37
HSL	62°, 26%, 51%
HSV	62°, 40%, 63%
XYZ	29.4590, 34.0472, 16.2655
YIQ	153.9920, 19.6730, -20.6390

Conversions

Conversions Part 2

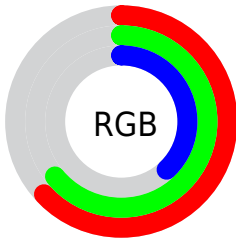
Format	Color
RYB	97, 162, 99
Decimal	10527329
CIELab	65.00, -10.76, 33.53
CIELCh	65, 35.220, 107.796
Yxy	34.0472, 0.3693, 0.4268
Android (android.graphics.Color)	4288717409 (0xFFA0A261)
YUV	153.9920, -28.0971, 5.2690
Hunter-Lab	58.3500, -11.9935, 24.3174

Details

The CIELCh color **65, 35.220, 107.796** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **44, 38.982, 296.355**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 35.148, 107.800**, and **45, 35.285, 108.265** is the 20% darker color. If you saturate the color by 10%, you get **65, 43.389, 106.965**, and if you desaturate by 10%, it is **65, 26.691, 108.679**.

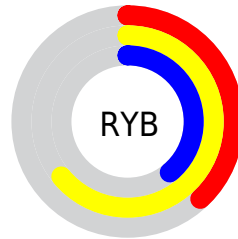
Distribution



Red (63%)

Green (64%)

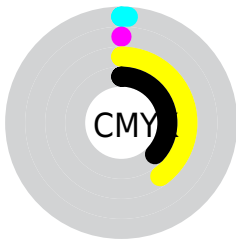
Blue (38%)



Red (38%)

Yellow (64%)

Blue (39%)

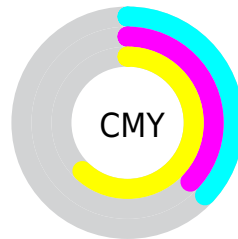


Cyan (1%)

Magenta (0%)

Yellow (40%)

Black (37%)



Cyan (37%)


Magenta (37%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 35.220, 107.796 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, 35.220, 107.796 by changing the saturation by 10% instead.


 65, 35.220,
107.796


 65, 35.220,
107.796


 100, 35.220,
107.796


 55, 35.220,
107.796


 85, 35.220,
107.796

 45, 35.220,
107.796

 95, 35.220,
107.796

 35, 35.220,
107.796

 25, 35.220,
107.796

 15, 35.220,
107.796

 5, 35.220, 107.796

 0, 35.220, 107.796

65, 35.220,
107.796

65, 35.220,
107.796

65, 43.389,
106.965

65, 26.691,
108.679

65, 50.973,
106.210

66, 17.945,
109.579

64, 57.660,
105.573

66, 9.079, 110.482

64, 63.056,
105.101

67, 0.154, 111.089

67, 8.787, 292.258

64, 66.773,
104.835

68, 17.717,
293.098

64, 68.994,
104.747

68, 26.614,
293.906

69, 35.465,
294.676

■ 70, 44.258,
295.406

Harmonies

Complementary

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



65, 35.220, 107.796



44, 38.982, 296.355

Rectangle

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



65, 35.220, 107.796



65, 35.220, 157.796



65, 35.220, 287.796



65, 35.220, 337.796

Sweetspot

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



65, 35.221, 107.799



83, 13.185, 110.298



49, 28.282, 24.359



44, 8.725, 110.191



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



65, 35.221, 107.799



82, 51.266, 107.070



63, 38.098, 127.812



34, 5.082, 110.563



58, 63.799, 104.730



5, 7.951, 111.793

Inverse Universe

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



44, 38.982, 296.355



51, 58.428, 297.866



47, 40.228, 311.576



32, 5.192, 292.285



16, 87.850, 306.409



0, 7.950, 291.281

Previews

White Background



This preview shows how the CIELCh color 65, 35.220, 107.796 looks on a white background.

Color Contrast Check

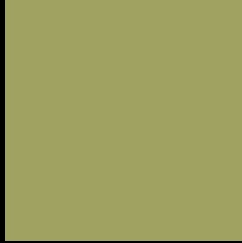
Large Text (above 18pt) WCAG AA × Fail

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 65, 35.220, 107.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

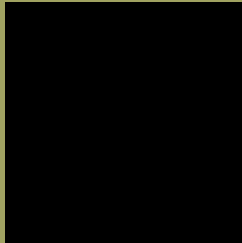
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 35.220, 107.796

Background



This preview shows how black text looks on a background with the CIELCh color 65, 35.220, 107.796.



This preview shows how white text looks on a background with the CIELCh color 65, 35.220, 107.796.

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, 35.220, 107.796

Protanopia
65, 34.888, 96.333

Deuteranopia
65, 33.792, 76.409



Tritanopia
65, 8.562, 329.067

Trichromacy



Original Color
65, 35.220, 107.796

Protanomaly
65, 34.507, 99.939

Deuteranomaly
65, 33.098, 88.210

Tritanomaly
65, 9.409, 89.317

Monochromacy



Original Color
65, 35.220, 107.796

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 13.294, 110.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 35.220, 107.796 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(160, 162, 97)` looks like.

```
.text, #text, p{  
    color:rgb(160, 162, 97)  
}
```

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(160, 162, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 162, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 35.220, 107.796 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(160, 162, 97) }
```

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

```
.border{ border-color:rgb(160, 162, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 162, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 162, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 162, 97);  
box-shadow:4px 4px 4px 4px rgb(160, 162,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 35.220, 107.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 162, 97) }
```

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

```
.background{ background-color: rgb(160,  
162, 97) }
```

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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