

Converting Colors

CIELCh(65, 6.104, 74.070)

Have a look what the booklet for
CIELCh(65, 6.104, 74.070) contains.

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Color

CIELCh(65, 6.111, 74.063)

Conversions

Conversions Part 1

Format	Color
Hex	A59C93
RGB	165, 156, 147
RGB Percent	65%, 61%, 58%
CMY	0.3516, 0.3869, 0.4222
CMYK	0.00, 0.05, 0.11, 0.35
HSL	30°, 9%, 61%
HSV	30°, 11%, 65%
XYZ	32.8296, 34.0472, 32.5863
YIQ	157.6650, 8.2530, -0.8910

Conversions

Conversions Part 2

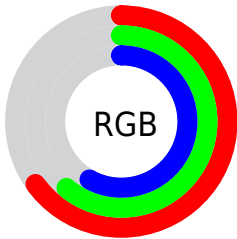
Format	Color
RYB	165, 165, 147
Decimal	10853523
CIELab	65.00, 1.68, 5.88
CIELCh	65, 6.111, 74.063
Yxy	34.0472, 0.3301, 0.3423
Android (android.graphics.Color)	4289043603 (0xFFA59C93)
YUV	157.6650, -5.2578, 6.4328
Hunter-Lab	58.3500, -1.6823, 7.7337

Details

The CIELCh color $65, 6.111, 74.063$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 5.957, 256.895$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 5.987, 71.426$, and $45, 6.355, 76.716$ is the 20% darker color. If you saturate the color by 10%, you get $62, 11.999, 72.887$, and if you desaturate by 10%, it is $68, 0.483, 74.671$.

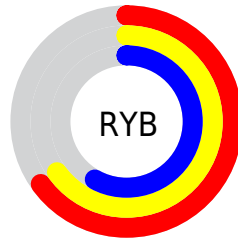
Distribution



Red (65%)

Green (61%)

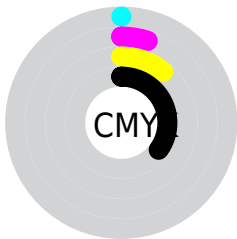
Blue (58%)



Red (65%)

Yellow (65%)

Blue (58%)

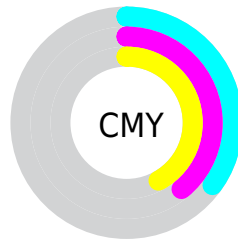


Cyan (0%)

Magenta (5%)

Yellow (11%)

Black (35%)



Cyan (35%)

Magenta (39%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 6.111, 74.063 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, 6.111, 74.063 by changing the saturation by 10% instead.


 65, 6.111, 74.063

 65, 6.111, 74.063

 100, 6.111, 74.063

 55, 6.111, 74.063

 85, 6.111, 74.063


 45, 6.111, 74.063


 95, 6.111, 74.063

 35, 6.111, 74.063

 25, 6.111, 74.063

 15, 6.111, 74.063

 5, 6.111, 74.063

 0, 6.111, 74.063

 65, 6.111, 74.063

 65, 6.111, 74.063

 62, 11.999, 72.887

 68, 0.483, 74.671

60, 18.162, 71.662

70, 4.910, 256.567

57, 24.606, 70.421

73, 10.092,
257.669

55, 31.312, 69.167

76, 15.084,
258.755

53, 38.208, 67.885

50, 45.124, 66.526

78, 19.910,
259.804

48, 51.710, 64.980

81, 24.588,
260.811

46, 57.332, 63.018

44, 61.529, 60.944

84, 25.740,
256.068

86, 24.052,
244.128

88, 23.482,
231.188

Harmonies

Complementary

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



65, 6.111, 74.063



64, 5.957, 256.895

Rectangle

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



65, 6.111, 74.063



65, 6.111, 124.063



65, 6.111, 254.063



65, 6.111, 304.063

Sweetspot

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



65, 6.112, 74.082



85, 2.037, 74.885



63, 8.608, 344.510



45, 1.546, 74.831



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 6.112, 74.082



81, 9.056, 73.807



67, 9.881, 109.145



33, 3.129, 74.270



39, 55.860, 61.383



3, 4.647, 70.164

Inverse Universe

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



64, 5.957, 256.895



80, 8.768, 257.223



62, 10.128, 291.296



33, 3.064, 256.677



31, 46.634, 283.147



2, 4.974, 260.360

Previews

White Background



This preview shows how the CIELCh color 65, 6.111, 74.063 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, 6.111, 74.063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

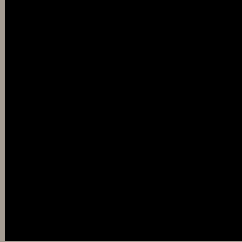
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

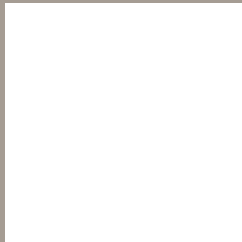
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 6.111, 74.063

Background



This preview shows how black text looks on a background with the CIELCh color 65, 6.111, 74.063.

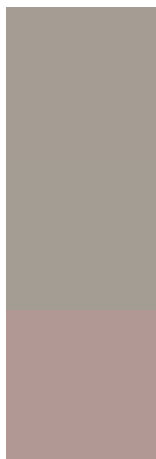


This preview shows how white text looks on a background with the CIELCh color 65, 6.111, 74.063.

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, 6.111, 74.063

Protanopia

65, 5.500, 84.234

Deuteranopia

65, 10.217, 32.721



Tritanopia
65, 8.562, 329.067

Trichromacy



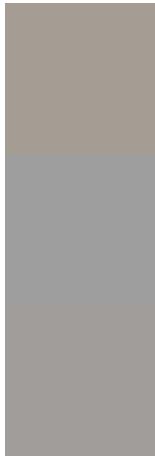
Original Color
65, 6.111, 74.063

Protanomaly
65, 5.680, 80.615

Deuteranomaly
65, 8.250, 43.640

Tritanomaly
65, 5.140, 354.269

Monochromacy



Original Color
65, 6.111, 74.063

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.256, 66.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 6.111, 74.063 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(165, 156, 147)` looks like.

```
.text, #text, p{  
    color:rgb(165, 156, 147)  
}
```

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(165, 156, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 156, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 6.111, 74.063 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(165, 156, 147) }
```

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

```
.border{ border-color:rgb(165, 156, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 156, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 156, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 156, 147);  
box-shadow:4px 4px 4px 4px rgb(165, 156,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 6.111, 74.063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 156, 147) }
```

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

```
.background{ background-color: rgb(165,  
156, 147) }
```

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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