

Converting Colors

CIELCh(65, 5.602, 70.947)

Have a look what the booklet for
CIELCh(65, 5.602, 70.947) contains.

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Color

CIELCh(65, 5.663, 70.918)

Conversions

Conversions Part 1

Format	Color
Hex	A59C94
RGB	165, 156, 148
RGB Percent	65%, 61%, 58%
CMY	0.3518, 0.3871, 0.4185
CMYK	0.00, 0.05, 0.10, 0.35
HSL	28°, 9%, 61%
HSV	28°, 10%, 65%
XYZ	32.8783, 34.0472, 32.9709
YIQ	157.7790, 7.9320, -0.5800

Conversions

Conversions Part 2

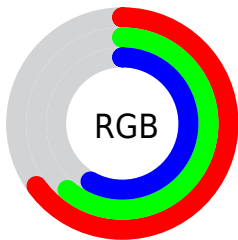
Format	Color
R _Y B	165, 163, 148
Decimal	10853524
CIE Lab	65.00, 1.85, 5.35
CIE LCh	65, 5.663, 70.918
Yxy	34.0472, 0.3291, 0.3408
Android (android.graphics.Color)	4289043604 (0xFFA59C94)
YUV	157.7790, -4.8210, 6.3328
Hunter-Lab	58.3500, -1.5333, 7.3429

Details

The CIELCh color $65, 5.663, 70.918$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 5.503, 253.531$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 5.579, 68.172$, and $45, 5.856, 73.740$ is the 20% darker color. If you saturate the color by 10%, you get $62, 11.457, 69.799$, and if you desaturate by 10%, it is $68, 0.149, 69.879$.

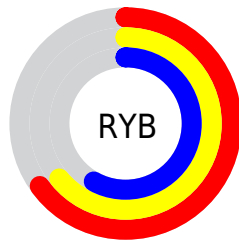
Distribution



Red (65%)

Green (61%)

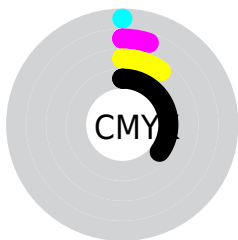
Blue (58%)



Red (65%)

Yellow (64%)

Blue (58%)

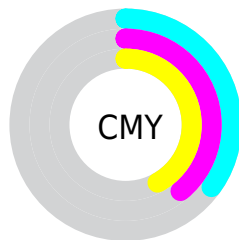


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (35%)



Cyan (35%)

Magenta (39%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 5.663, 70.918 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, 5.663, 70.918 by changing the saturation by 10% instead.

 65, 5.663, 70.918  65, 5.663, 70.918

 100, 5.663, 70.918  55, 5.663, 70.918

 85, 5.663, 70.918  45, 5.663, 70.918

 95, 5.663, 70.918  35, 5.663, 70.918

 25, 5.663, 70.918

 15, 5.663, 70.918

 5, 5.663, 70.918

 0, 5.663, 70.918

 65, 5.663, 70.918  65, 5.663, 70.918

 62, 11.457, 69.799  68, 0.149, 69.879

60, 17.553, 68.634

71, 5.112, 253.355

57, 23.963, 67.465

73, 10.147,
254.428

54, 30.675, 66.296

76, 14.981,
255.489

52, 37.631, 65.115

50, 44.682, 63.876

79, 19.637,
256.518

47, 51.503, 62.471

82, 24.138,
257.508

45, 57.481, 60.668

43, 62.285, 58.589

85, 24.950,
251.429

87, 23.659,
238.219

89, 23.664,
224.458

Harmonies

Complementary

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



65, 5.663, 70.918



64, 5.503, 253.531

Rectangle

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



65, 5.663, 70.918



65, 5.663, 120.918



65, 5.663, 250.918



65, 5.663, 300.918

Sweetspot

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



65, 5.663, 70.938



85, 1.999, 71.631



63, 8.309, 342.677



44, 1.517, 71.583



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, 5.663, 70.938



82, 8.198, 70.723



67, 9.029, 107.816



33, 3.074, 71.052



38, 56.540, 59.030



3, 4.584, 67.054

Inverse Universe

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



64, 5.503, 253.531



81, 7.915, 253.788



62, 9.229, 289.897



33, 2.997, 253.398



33, 43.981, 280.069



2, 4.867, 257.623

Previews

White Background



This preview shows how the CIELCh color 65, 5.663, 70.918 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, 5.663, 70.918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

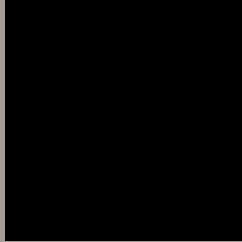
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 5.663, 70.918

Background



This preview shows how black text looks on a background with the CIELCh color 65, 5.663, 70.918.

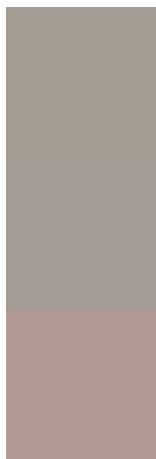


This preview shows how white text looks on a background with the CIELCh color 65, 5.663, 70.918.

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, 5.663, 70.918

Protanopia

65, 5.002, 81.622

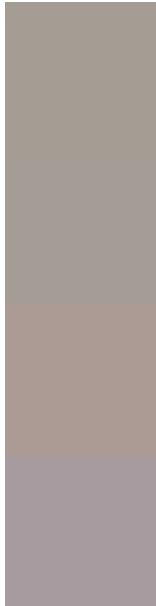
Deuteranopia

65, 9.684, 30.066



Tritanopia
65, 8.562, 329.067

Trichromacy



Original Color
65, 5.663, 70.918

Protanomaly
65, 5.198, 77.767

Deuteranomaly
65, 7.646, 41.115

Tritanomaly
65, 5.399, 348.956

Monochromacy



Original Color
65, 5.663, 70.918

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, 5.663, 70.918 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(165, 156, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 156, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 5.663, 70.918 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, 148) }
```

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

```
.border{ border-color:rgb(165, 156, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 156, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 156, 148);  
box-shadow:4px 4px 4px 4px rgb(165, 156,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 5.663, 70.918 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, 148) }
```

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

```
.background{ background-color: rgb(165,  
156, 148) }
```

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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