

Converting Colors

CIELCh(65, 6.550, 108.942)

Have a look what the booklet for
CIELCh(65, 6.550, 108.942) contains.

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Color

CIELCh(65, 6.098, 105.829)

Conversions

Conversions Part 1

Format	Color
Hex	9F9E93
RGB	159, 158, 147
RGB Percent	62%, 62%, 58%
CMY	0.3755, 0.3794, 0.4226
CMYK	0.00, 0.01, 0.08, 0.38
HSL	55°, 6%, 60%
HSV	55°, 8%, 62%
XYZ	31.9005, 34.0472, 32.5931
YIQ	157.0450, 4.1270, -3.2090

Conversions

Conversions Part 2

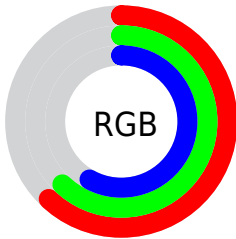
Format	Color
R_YB	148, 159, 147
Decimal	10460819
CIE Lab	65.00, -1.66, 5.87
CIE LCh	65, 6.098, 105.829
Yxy	34.0472, 0.3237, 0.3455
Android (android.graphics.Color)	4288650899 (0xFF9F9E93)
YUV	157.0450, -4.9522, 1.7145
Hunter-Lab	58.3500, -4.5247, 7.7268

Details

The CIELCh color $65, 6.098, 105.829$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 6.193, 287.416$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 6.290, 106.263$, and $45, 6.541, 105.513$ is the 20% darker color. If you saturate the color by 10%, you get $64, 14.195, 104.827$, and if you desaturate by 10%, it is $66, 2.001, 286.895$.

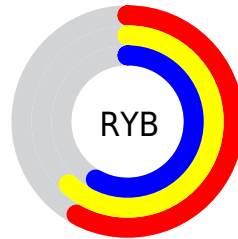
Distribution



Red (62%)

Green (62%)

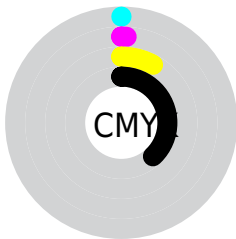
Blue (58%)



Red (58%)

Yellow (62%)

Blue (58%)

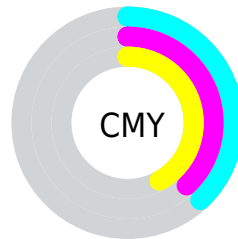


Cyan (0%)

Magenta (1%)

Yellow (8%)

Black (38%)



Cyan (38%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 6.098, 105.829 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, 6.098, 105.829 by changing the saturation by 10% instead.

■ 65, 6.098, 105.829

■ 65, 6.098, 105.829

■ 100, 6.098,
105.829

■ 55, 6.098, 105.829

■ 85, 6.098, 105.829

■ 45, 6.098, 105.829

■ 95, 6.098, 105.829

■ 35, 6.098, 105.829

■ 25, 6.098, 105.829

■ 15, 6.098, 105.829

■ 5, 6.098, 105.829

■ 0, 6.098, 105.829

■ 65, 6.098, 105.829

■ 65, 6.098, 105.829

■ 64, 14.195,

■ 66, 2.001, 286.895

104.827

67, 10.080,
287.830

64, 22.244,
103.794

67, 18.121,
288.758

63, 30.177,
102.758

68, 26.112,
289.649

62, 37.882,
101.735

69, 34.048,
290.498

62, 45.182,
100.744

70, 41.922,
291.304

61, 51.805, 99.805

71, 47.739,
291.753

61, 57.367, 98.940

60, 61.416, 98.166

72, 46.979,
291.144

60, 63.762, 97.478

72, 46.225,
290.515

Harmonies

Complementary

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



65, 6.098, 105.829



62, 6.193, 287.416

Rectangle

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



65, 6.098, 105.829



65, 6.098, 155.829



65, 6.098, 285.829



65, 6.098, 335.829

Sweetspot

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



65, 6.099, 105.841



83, 1.992, 106.357



62, 4.734, 13.000



44, 1.141, 106.366



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, 6.099, 105.841



82, 9.003, 105.678



65, 6.942, 125.764



33, 4.549, 105.671



54, 59.375, 97.369



4, 5.859, 105.759

Inverse Universe

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



62, 6.193, 287.416



77, 9.163, 287.598



62, 7.035, 306.455



31, 4.631, 287.606



17, 82.744, 304.925



1, 5.998, 286.810

Previews

White Background



This preview shows how the CIELCh color 65, 6.098, 105.829 looks on a white background.

Color Contrast Check

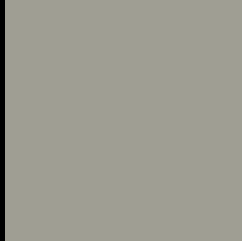
Large Text (above 18pt) WCAG AA × Fail

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, 6.098, 105.829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

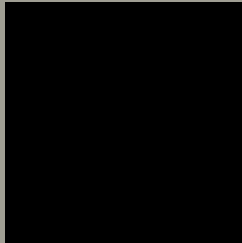
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

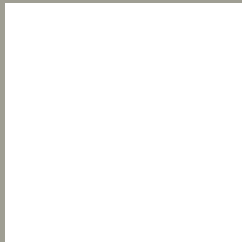
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 6.098, 105.829

Background



This preview shows how black text looks on a background with the CIELCh color 65, 6.098, 105.829.



This preview shows how white text looks on a background with the CIELCh color 65, 6.098, 105.829.

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, 6.098, 105.829

Protanopia

65, 6.008, 86.397

Deuteranopia

65, 9.819, 33.202



Tritanopia
65, 7.212, 312.203

Trichromacy



Original Color
65, 6.098, 105.829

Protanomaly
65, 5.865, 89.966

Deuteranomaly
65, 7.155, 47.467

Tritanomaly
65, 2.951, 330.627

Monochromacy



Original Color
65, 6.098, 105.829

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.242, 99.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 6.098, 105.829 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(159, 158, 147)` looks like.

```
.text, #text, p{  
    color:rgb(159, 158, 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(159, 158, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 158, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 6.098, 105.829 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(159, 158, 147) }
```

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

```
.border{ border-color:rgb(159, 158, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 158, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 158, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 158, 147);  
box-shadow:4px 4px 4px 4px rgb(159, 158,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 6.098, 105.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 158, 147) }
```

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

```
.background{ background-color: rgb(159,  
158, 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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