

Converting Colors

CIELCh(65, 8.356, 307.004)

Have a look what the booklet for
CIELCh(65, 8.356, 307.004) contains.

CIELCh(65, 8.677, 305.930)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 8.677, 305.930)

Conversions

Conversions Part 1

Format	Color
Hex	A19BAA
RGB	161, 155, 170
RGB Percent	63%, 61%, 67%
CMY	0.3676, 0.3911, 0.3323
CMYK	0.05, 0.09, 0.00, 0.33
HSL	264°, 8%, 64%
HSV	264°, 9%, 67%
XYZ	33.7974, 34.0472, 42.9530
YIQ	158.5040, -1.2390, 5.9370

Conversions

Conversions Part 2

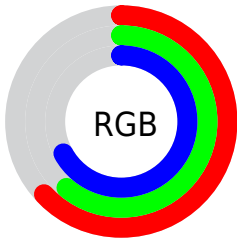
Format	Color
R_{YB}	161, 155, 170
Decimal	10591146
CIE Lab	65.00, 5.09, -7.03
CIE LCh	65, 8.677, 305.930
Yxy	34.0472, 0.3050, 0.3073
Android (android.graphics.Color)	4288781226 (0xFFA19BAA)
YUV	158.5040, 5.6675, 2.1890
Hunter-Lab	58.3500, 1.2780, -2.8001

Details

The CIELCh color $65, 8.677, 305.930$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 8.544, 125.083$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 8.823, 307.182$, and $45, 8.632, 304.543$ is the 20% darker color. If you saturate the color by 10%, you get $60, 18.812, 306.482$, and if you desaturate by 10%, it is $70, 1.143, 125.509$.

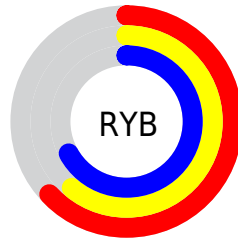
Distribution



Red (63%)

Green (61%)

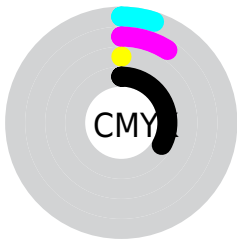
Blue (67%)



Red (63%)

Yellow (61%)

Blue (67%)

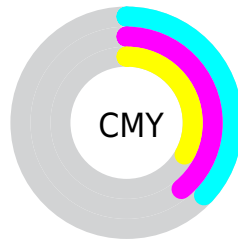


Cyan (5%)

Magenta (9%)

Yellow (0%)

Black (33%)



Cyan (37%)

Magenta (39%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 8.677, 305.930 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, 8.677, 305.930 by changing the saturation by 10% instead.

■ 65, 8.677, 305.930

■ 65, 8.677, 305.930

■ 100, 8.677,
305.930

■ 55, 8.677, 305.930

■ 85, 8.677, 305.930

■ 45, 8.677, 305.930

■ 95, 8.677, 305.930

■ 35, 8.677, 305.930

■ 25, 8.677, 305.930

■ 15, 8.677, 305.930

■ 5, 8.677, 305.930

■ 0, 8.677, 305.930

■ 65, 8.677, 305.930

■ 65, 8.677, 305.930

■ 60, 18.812,

■ 70, 1.143, 125.509

306.482

76, 10.641,
125.016

54, 29.249,
307.091

81, 19.830,
124.632

49, 39.935,
307.746

86, 28.722,
124.299

44, 50.759,
308.429

91, 37.332,
124.011

39, 61.506,
309.099

96, 44.336,
123.134

34, 71.798,
309.690

97, 43.341,
118.303

30, 81.033,
310.102

97, 42.687,
113.187

27, 88.397,
310.200

98, 42.411,
107.875

24, 93.503,
309.949

Harmonies

Complementary

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



65, 8.677, 305.930



69, 8.544, 125.083

Rectangle

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



65, 8.677, 305.930



65, 8.677, 355.930



65, 8.677, 125.930



65, 8.677, 175.930

Sweetspot

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



65, 8.675, 305.927



86, 3.636, 305.620



67, 4.614, 242.871



46, 2.780, 305.664



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 8.675, 305.927



81, 13.482, 306.055



66, 9.749, 321.634



33, 5.524, 305.951



20, 84.724, 310.053



1, 9.852, 303.450

Inverse Universe

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



66, 7.624, 339.239



82, 11.831, 339.433



68, 9.713, 140.827



33, 4.853, 339.277



32, 58.406, 352.297



2, 8.308, 342.456

Previews

White Background



This preview shows how the CIELCh color 65, 8.677, 305.930 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, 8.677, 305.930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

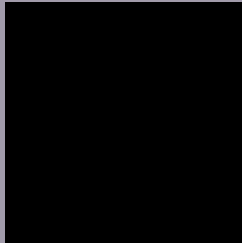
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 8.677, 305.930

Background



This preview shows how black text looks on a background with the CIELCh color 65, 8.677, 305.930.



This preview shows how white text looks on a background with the CIELCh color 65, 8.677, 305.930.

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, 8.677, 305.930

Protanopia

65, 7.787, 291.005

Deuteranopia

65, 11.357, 318.577



Tritanopia
65, 6.960, 306.436

Trichromacy



Original Color
65, 8.677, 305.930

Protanomaly
65, 8.440, 298.605

Deuteranomaly
65, 10.361, 314.427

Tritanomaly
65, 7.496, 305.318

Monochromacy



Original Color
65, 8.677, 305.930

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.893, 305.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 8.677, 305.930 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(161, 155, 170)` looks like.

```
.text, #text, p{  
    color:rgb(161, 155, 170)  
}
```

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(161, 155, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 155, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 8.677, 305.930 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(161, 155, 170) }
```

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

```
.border{ border-color:rgb(161, 155, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 155, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 155, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 155, 170);  
box-shadow:4px 4px 4px 4px rgb(161, 155,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 8.677, 305.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 155, 170) }
```

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

```
.background{ background-color: rgb(161,  
155, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor