

Converting Colors

CIELCh(65, 33.176, 225.888)

Have a look what the booklet for
CIELCh(65, 33.176, 225.888)
contains.

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Color

CIELCh(65, 33.107, 225.663)

Conversions

Conversions Part 1

Format	Color
Hex	34ABC7
RGB	52, 171, 199
RGB Percent	20%, 67%, 78%
CMY	0.7952, 0.3288, 0.2190
CMYK	0.74, 0.14, 0.00, 0.22
HSL	191°, 58%, 49%
HSV	191°, 74%, 78%
XYZ	26.3440, 34.0472, 59.3069
YIQ	138.6110, -79.9120, -16.5200

Conversions

Conversions Part 2

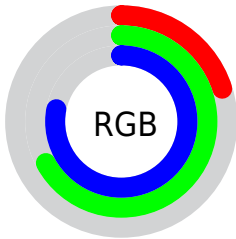
Format	Color
RYB	52, 118, 199
Decimal	3451847
CIELab	65.00, -23.14, -23.68
CIELCh	65, 33.107, 225.663
Yxy	34.0472, 0.2201, 0.2844
Android (android.graphics.Color)	4281641927 (0xFF34ABC7)
YUV	138.6110, 29.7718, -75.9578
Hunter-Lab	58.3500, -21.5227, -19.4174

Details

The CIELCh color **65, 33.107, 225.663** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **50, 60.848, 41.126**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 33.060, 224.366**, and **46, 28.621, 230.298** is the 20% darker color. If you saturate the color by 10%, you get **64, 34.818, 228.278**, and if you desaturate by 10%, it is **67, 30.652, 223.594**.

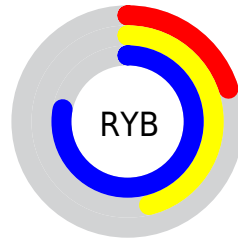
Distribution



Red (20%)

Green (67%)

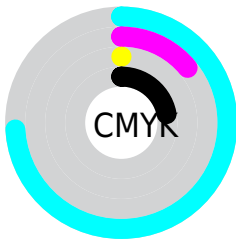
Blue (78%)



Red (20%)

Yellow (46%)

Blue (78%)

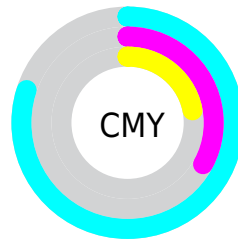


Cyan (74%)

Magenta (14%)

Yellow (0%)

Black (22%)



Cyan (80%)


Magenta (33%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 33.107, 225.663 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, 33.107, 225.663 by changing the saturation by 10% instead.


 65, 33.107,
225.663


 65, 33.107,
225.663


 100, 33.107,
225.663


 55, 33.107,
225.663


 85, 33.107,
225.663

 45, 33.107,
225.663

 95, 33.107,
225.663

 35, 33.107,
225.663

 25, 33.107,
225.663

 15, 33.107,
225.663

 5, 33.107, 225.663

 0, 33.107, 225.663

65, 33.107,
225.663

65, 33.107,
225.663

64, 34.818,
228.278

67, 30.652,
223.594

62, 35.872,
231.500

68, 27.444,
221.994

61, 36.340,
233.725

70, 23.521,
220.783

72, 18.957,
219.888

75, 13.840,
219.250

77, 8.265, 218.826

79, 2.323, 218.701

82, 3.906, 38.155

Harmonies

Complementary

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



65, 33.107, 225.663



50, 60.848, 41.126

Rectangle

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



65, 33.107, 225.663



65, 33.107, 275.663



65, 33.107, 45.663



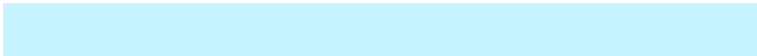
65, 33.107, 95.663

Sweetspot

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



65, 33.106, 225.662



94, 15.728, 219.176



71, 78.688, 142.172



49, 10.472, 219.320



0, 0.000, 0.000



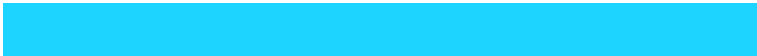
53, 0.007, 296.813

Same Dimension

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



65, 33.106, 225.662



79, 42.850, 230.311



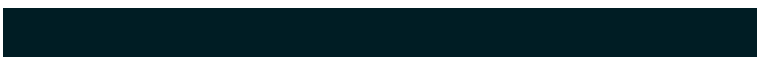
44, 60.088, 288.585



41, 3.439, 218.710



51, 31.317, 233.127



9, 11.196, 224.571

Inverse Universe

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



49, 75.342, 335.247



59, 98.392, 336.680



66, 57.192, 82.329



39, 6.468, 330.749



37, 71.461, 337.484



4, 22.635, 334.559

Previews

White Background



This preview shows how the CIE LCh color 65, 33.107, 225.663 looks on a white background.

Color Contrast Check

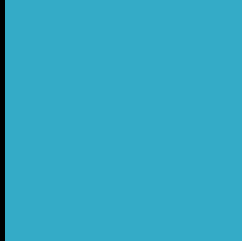
Large Text (above 18pt) WCAG AA × Fail

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, 33.107, 225.663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

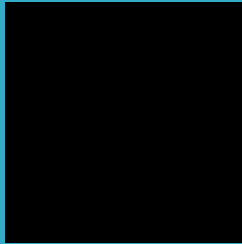
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 33.107, 225.663

Background



This preview shows how black text looks on a background with the CIELCh color 65, 33.107, 225.663.



This preview shows how white text looks on a background with the CIELCh color 65, 33.107, 225.663.

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, 33.107, 225.663

Protanopia

65, 18.421, 286.707

Deuteranopia

65, 27.321, 288.168



Tritanopia
65, 33.594, 210.434

Trichromacy



Original Color
65, 33.107, 225.663

Protanomaly
64, 22.308, 249.800

Deuteranomaly
64, 26.868, 260.055

Tritanomaly
65, 33.161, 215.818

Monochromacy



Original Color
65, 33.107, 225.663

Achromatopsia
58, 0.007, 296.813

Achromatomaly
60, 15.920, 219.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 33.107, 225.663 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(52, 171, 199)` looks like.

```
.text, #text, p{  
    color:rgb(52, 171, 199)  
}
```

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(52, 171, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 171, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 33.107, 225.663 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(52, 171, 199) }
```

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

```
.border{ border-color:rgb(52, 171, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 171, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 171, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 171, 199);  
box-shadow:4px 4px 4px 4px rgb(52, 171,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 33.107, 225.663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 171, 199) }
```

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

```
.background{ background-color: rgb(52, 171,  
199) }
```

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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