

Converting Colors

CIELCh(65, 30.581, 219.589)

Have a look what the booklet for
CIELCh(65, 30.581, 219.589)
contains.

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Color

CIELCh(65, 30.665, 219.903)

Conversions

Conversions Part 1

Format	Color
Hex	41ABC0
RGB	65, 171, 192
RGB Percent	25%, 67%, 75%
CMY	0.7452, 0.3295, 0.2471
CMYK	0.66, 0.11, 0.00, 0.25
HSL	190°, 50%, 50%
HSV	190°, 66%, 75%
XYZ	26.2505, 34.0472, 55.0470
YIQ	141.7000, -69.9170, -15.9410

Conversions

Conversions Part 2

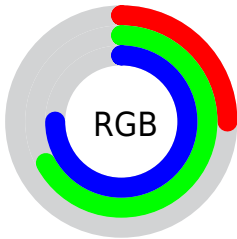
Format	Color
R _Y B	65, 123, 192
Decimal	4303808
CIE Lab	65.00, -23.52, -19.67
CIE LCh	65, 30.665, 219.903
Yxy	34.0472, 0.2276, 0.2952
Android (android.graphics.Color)	4282493888 (0xFF41ABC0)
YUV	141.7000, 24.7979, -67.2659
Hunter-Lab	58.3500, -21.8089, -15.0889

Details

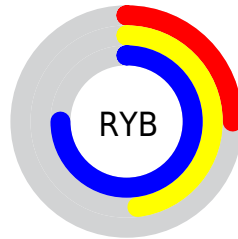
The CIELCh color **65, 30.665, 219.903** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **50, 52.532, 38.554**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 30.679, 218.949**, and **45, 27.662, 222.842** is the 20% darker color. If you saturate the color by 10%, you get **64, 32.813, 221.730**, and if you desaturate by 10%, it is **67, 27.745, 218.499**.

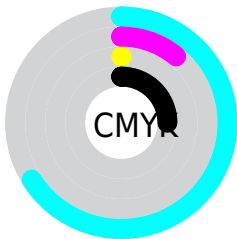
Distribution



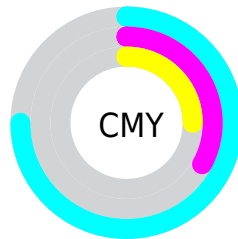
- Red (25%)
- Green (67%)
- Blue (75%)



- Red (25%)
- Yellow (48%)
- Blue (75%)



- Cyan (66%)
- Magenta (11%)
- Yellow (0%)
- Black (25%)





- Cyan (75%)
- Magenta (33%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 30.665, 219.903 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, 30.665, 219.903 by changing the saturation by 10% instead.


 65, 30.665,
219.903


 65, 30.665,
219.903


 100, 30.665,
219.903


 55, 30.665,
219.903


 85, 30.665,
219.903

 45, 30.665,
219.903

 95, 30.665,
219.903

 35, 30.665,
219.903

 25, 30.665,
219.903

 15, 30.665,
219.903

 5, 30.665, 219.903

 0, 30.665, 219.903

65, 30.665,
219.903

65, 30.665,
219.903

64, 32.813,
221.730

67, 27.745,
218.499

62, 34.211,
224.052

68, 24.090,
217.452

61, 34.953,
226.914

70, 19.768,
216.695

61, 35.170,
228.086

72, 14.868,
216.175

74, 9.485, 215.852

76, 3.710, 215.742

79, 2.370, 35.289

81, 8.683, 35.457

83, 15.167, 35.554

Harmonies

Complementary

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



65, 30.665, 219.903



50, 52.532, 38.554

Rectangle

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



65, 30.665, 219.903



65, 30.665, 269.903



65, 30.665, 39.903



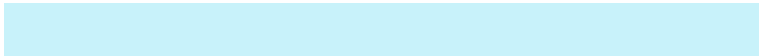
65, 30.665, 89.903

Sweetspot

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



65, 30.664, 219.902



93, 14.364, 215.964



69, 71.771, 142.374



49, 9.708, 216.059



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



65, 30.664, 219.902



80, 40.814, 222.622



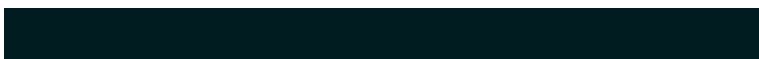
47, 49.277, 283.667



40, 3.418, 215.743



51, 30.819, 227.613



8, 10.570, 220.886

Inverse Universe

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



49, 69.418, 333.577



60, 94.800, 334.571



64, 49.475, 80.744



38, 6.445, 329.882



36, 71.999, 336.021



4, 20.711, 332.829

Previews

White Background



This preview shows how the CIE LCh color 65, 30.665, 219.903 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, 30.665, 219.903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

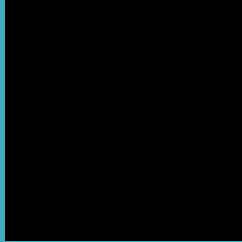
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 30.665, 219.903

Background



This preview shows how black text looks on a background with the CIELCh color 65, 30.665, 219.903.



This preview shows how white text looks on a background with the CIELCh color 65, 30.665, 219.903.

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

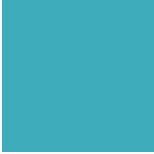
65, 30.665, 219.903

Protanopia

65, 14.503, 287.497

Deuteranopia

65, 23.388, 290.952



Tritanopia
65, 30.969, 211.800

Trichromacy



Original Color
65, 30.665, 219.903



Protanomaly
64, 18.617, 244.861



Deuteranomaly
64, 22.824, 258.066



Tritanomaly
65, 30.859, 214.070

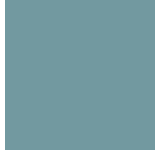
Monochromacy



Original Color
65, 30.665, 219.903



Achromatopsia
59, 0.008, 296.813



Achromatomaly
61, 14.094, 214.624

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 30.665, 219.903 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(65, 171, 192)` looks like.

```
.text, #text, p{  
    color:rgb(65, 171, 192)  
}
```

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(65, 171, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 171, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 30.665, 219.903 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(65, 171, 192) }
```

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

```
.border{ border-color:rgb(65, 171, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 171, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 171, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 171, 192);  
box-shadow:4px 4px 4px 4px rgb(65, 171,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 30.665, 219.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 171, 192) }
```

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

```
.background{ background-color: rgb(65, 171,  
192) }
```

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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