

Converting Colors

CIELCh(65, 26.505, 225.409)

Have a look what the booklet for
CIELCh(65, 26.505, 225.409)
contains.

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Color

CIELCh(65, 26.633, 225.263)

Conversions

Conversions Part 1

Format	Color
Hex	57A9BF
RGB	87, 169, 191
RGB Percent	34%, 66%, 75%
CMY	0.6599, 0.3382, 0.2520
CMYK	0.55, 0.12, 0.00, 0.25
HSL	193°, 45%, 54%
HSV	193°, 55%, 75%
XYZ	27.4232, 34.0472, 54.2706
YIQ	146.9900, -55.9340, -10.5420

Conversions

Conversions Part 2

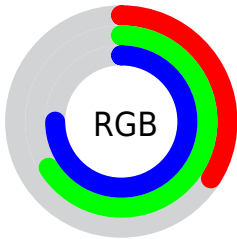
Format	Color
RYB	87, 133, 191
Decimal	5745087
CIELab	65.00, -18.75, -18.92
CIELCh	65, 26.633, 225.263
Yxy	34.0472, 0.2369, 0.2942
Android (android.graphics.Color)	4283935167 (0xFF57A9BF)
YUV	146.9900, 21.6969, -52.6112
Hunter-Lab	58.3500, -18.2214, -14.2999

Details

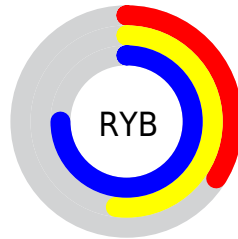
The CIELCh color **65, 26.633, 225.263** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **55, 40.248, 41.056**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 26.595, 225.280**, and **45, 26.729, 225.426** is the 20% darker color. If you saturate the color by 10%, you get **63, 29.734, 227.110**, and if you desaturate by 10%, it is **67, 22.868, 223.840**.

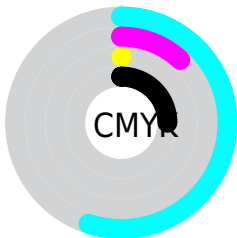
Distribution



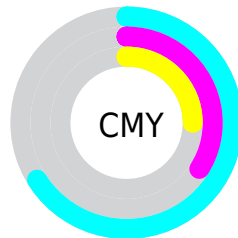
- Red (34%)
- Green (66%)
- Blue (75%)



- Red (34%)
- Yellow (52%)
- Blue (75%)



- Cyan (55%)
- Magenta (12%)
- Yellow (0%)
- Black (25%)





- Cyan (66%)
- Magenta (34%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 26.633, 225.263 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, 26.633, 225.263 by changing the saturation by 10% instead.


 65, 26.633,
225.263


 65, 26.633,
225.263


 100, 26.633,
225.263


 55, 26.633,
225.263


 85, 26.633,
225.263

 45, 26.633,
225.263

 95, 26.633,
225.263

 35, 26.633,
225.263

 25, 26.633,
225.263

 15, 26.633,
225.263

 5, 26.633, 225.263

 0, 26.633, 225.263

65, 26.633,
225.263

65, 26.633,
225.263

63, 29.734,
227.110

67, 22.868,
223.840

61, 32.142,
229.471

69, 18.505,
222.768

60, 33.880,
232.426

71, 13.625,
221.977

58, 35.038,
236.027

74, 8.315, 221.420

76, 2.658, 221.146

58, 35.560,
238.158

79, 3.271, 40.516

81, 9.407, 40.451

84, 15.694, 40.384

86, 20.814, 41.544

Harmonies

Complementary

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



65, 26.633, 225.263



55, 40.248, 41.056

Rectangle

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



65, 26.633, 225.263



65, 26.633, 275.263



65, 26.633, 45.263



65, 26.633, 95.263

Sweetspot

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



65, 26.632, 225.261



93, 11.255, 221.501



70, 58.326, 145.513



49, 7.615, 221.607



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, 26.632, 225.261



80, 36.640, 227.431



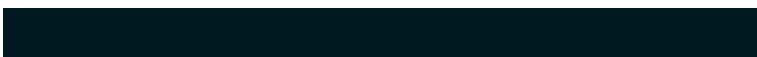
50, 42.894, 283.770



39, 3.259, 221.223



48, 30.890, 237.518



7, 9.477, 230.665

Inverse Universe

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



53, 57.548, 334.639



63, 81.310, 335.545



67, 41.931, 86.606



37, 6.102, 331.484



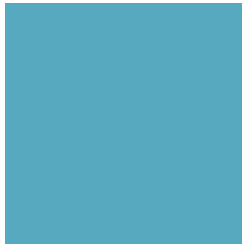
36, 68.775, 338.707



3, 17.431, 334.829

Previews

White Background



This preview shows how the CIE LCh color 65, 26.633, 225.263 looks on a white background.

Color Contrast Check

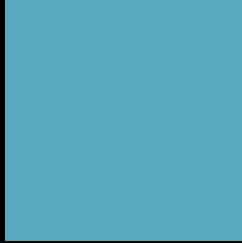
Large Text (above 18pt) WCAG AA × Fail

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, 26.633, 225.263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

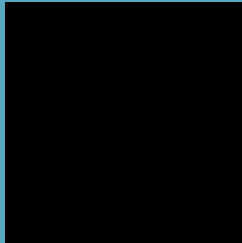
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

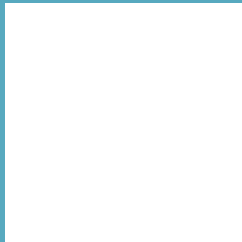
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 26.633, 225.263

Background



This preview shows how black text looks on a background with the CIELCh color 65, 26.633, 225.263.



This preview shows how white text looks on a background with the CIELCh color 65, 26.633, 225.263.

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, 26.633, 225.263

Protanopia
65, 14.509, 286.096

Deuteranopia
65, 22.277, 291.623



Tritanopia
65, 26.618, 214.600

Trichromacy



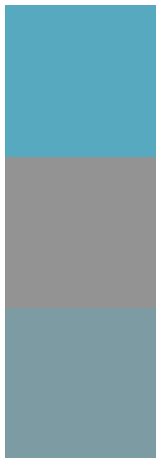
Original Color
65, 26.633, 225.263

Protanomaly
65, 17.024, 250.844

Deuteranomaly
64, 20.982, 264.108

Tritanomaly
65, 26.545, 217.253

Monochromacy



Original Color
65, 26.633, 225.263

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 11.452, 221.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 26.633, 225.263 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(87, 169, 191)` looks like.

```
.text, #text, p{  
    color:rgb(87, 169, 191)  
}
```

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(87, 169, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 169, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 26.633, 225.263 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(87, 169, 191) }
```

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

```
.border{ border-color:rgb(87, 169, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 169, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(87, 169, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(87, 169, 191); box-shadow:4px 4px 4px 4px rgb(87, 169, 191) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 26.633, 225.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 169, 191) }
```

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

```
.background{ background-color: rgb(87, 169,  
191) }
```

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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