

Converting Colors

CIELCh(66, 25.271, 227.080)

Have a look what the booklet for
CIELCh(66, 25.271, 227.080)
contains.

CIELCh(66, 25.266, 226.921)	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(66, 25.266, 226.921)

Conversions

Conversions Part 1

Format	Color
Hex	60ABC1
RGB	96, 171, 193
RGB Percent	38%, 67%, 76%
CMY	0.6247, 0.3305, 0.2443
CMYK	0.50, 0.11, 0.00, 0.24
HSL	194°, 44%, 57%
HSV	194°, 50%, 76%
XYZ	28.8927, 35.3238, 55.5747
YIQ	151.0830, -51.7620, -9.0580

Conversions

Conversions Part 2

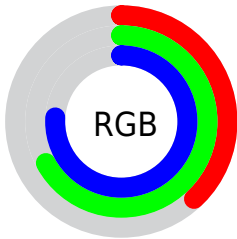
Format	Color
R_{YB}	96, 138, 193
Decimal	6335425
CIE _{Lab}	66.00, -17.26, -18.45
CIE _{LCh}	66, 25.266, 226.921
Yxy	35.3238, 0.2412, 0.2949
Android (android.graphics.Color)	4284525505 (0xFF60ABC1)
YUV	151.0830, 20.6651, -48.3078
Hunter-Lab	59.4338, -17.2346, -13.8365

Details

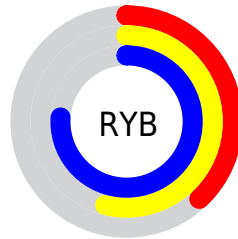
The CIELCh color **66, 25.266, 226.921** is a light color, and the websafe version is hex **669999**. A complement of this color would be **57, 36.559, 42.209**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 25.231, 226.912**, and **46, 25.222, 225.724** is the 20% darker color. If you saturate the color by 10%, you get **64, 28.713, 228.733**, and if you desaturate by 10%, it is **68, 21.194, 225.522**.

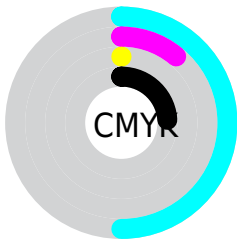
Distribution



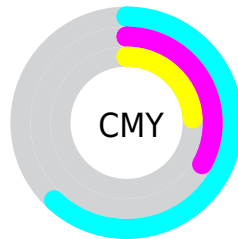
- Red (38%)
- Green (67%)
- Blue (76%)



- Red (38%)
- Yellow (54%)
- Blue (76%)



- Cyan (50%)
- Magenta (11%)
- Yellow (0%)
- Black (24%)





- Cyan (62%)
- Magenta (33%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 25.266, 226.921 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 66, 25.266, 226.921 by changing the saturation by 10% instead.


 66, 25.266,
226.921


 66, 25.266,
226.921


 100, 25.266,
226.921


 56, 25.266,
226.921


 86, 25.266,
226.921

 46, 25.266,
226.921

 96, 25.266,
226.921

 36, 25.266,
226.921

 26, 25.266,
226.921

 16, 25.266,
226.921

 6, 25.266, 226.921

 0, 25.266, 226.921

66, 25.266,
226.921

66, 25.266,
226.921

64, 28.713,
228.733

68, 21.194,
225.522

62, 31.495,
231.051

70, 16.569,
224.464

60, 33.613,
233.960

73, 11.475,
223.680

59, 35.136,
237.525

75, 5.993, 223.135

57, 36.247,
241.482

78, 0.204, 225.184

81, 5.825, 42.245

83, 12.032, 42.098

86, 18.368, 41.997

88, 19.651, 47.587

Harmonies

Complementary

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



66, 25.266, 226.921



57, 36.559, 42.209

Rectangle

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



66, 25.266, 226.921



66, 25.266, 276.921



66, 25.266, 46.921



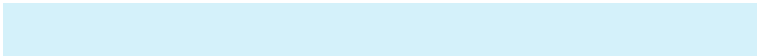
66, 25.266, 96.921

Sweetspot

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



66, 25.265, 226.919



93, 10.603, 223.372



71, 53.993, 146.596



49, 7.190, 223.493



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



66, 25.265, 226.919



81, 35.138, 228.858



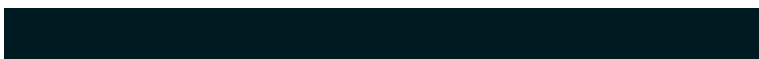
52, 40.643, 283.804



40, 3.309, 223.096



48, 31.597, 240.833



8, 10.339, 232.368

Inverse Universe

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



55, 53.574, 334.954



65, 76.470, 335.806



69, 39.519, 88.483



38, 6.170, 332.041



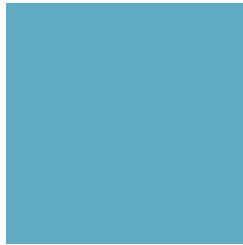
36, 68.813, 339.675



4, 19.526, 335.982

Previews

White Background



This preview shows how the CIELCh color 66, 25.266, 226.921 looks on a white background.

Color Contrast Check

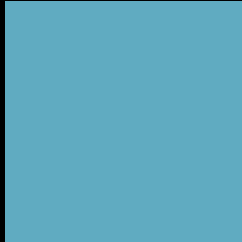
Large Text (above 18pt) WCAG AA × Fail

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 66, 25.266, 226.921 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 66, 25.266, 226.921

Background



This preview shows how black text looks on a background with the CIELCh color 66, 25.266, 226.921.



This preview shows how white text looks on a background with the CIELCh color 66, 25.266, 226.921.

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

66, 25.266, 226.921

Protanopia

66, 14.453, 287.465

Deuteranopia

66, 22.236, 293.357



Tritanopia
66, 25.150, 215.710

Trichromacy



Original Color
66, 25.266, 226.921



Protanomaly
66, 16.434, 253.390



Deuteranomaly
65, 20.442, 267.187



Tritanomaly
66, 25.096, 218.508

Monochromacy



Original Color
66, 25.266, 226.921



Achromatopsia
62, 0.008, 296.813



Achromatomaly
63, 10.511, 223.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 25.266, 226.921 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(96, 171, 193)` looks like.

```
.text, #text, p{  
    color:rgb(96, 171, 193)  
}
```

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(96, 171, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 171, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 25.266, 226.921 is called "border". The border property can be set on classes, ids or directly on the HTML element.

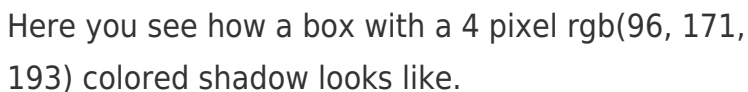
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 171, 193) }
```

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

```
.border{ border-color:rgb(96, 171, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 171, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 171, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 171, 193);  
box-shadow:4px 4px 4px 4px rgb(96, 171,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 25.266, 226.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 171, 193) }
```

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

```
.background{ background-color: rgb(96, 171,  
193) }
```

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