

Converting Colors

CIELCh(66, 18.954, 220.579)

Have a look what the booklet for
CIELCh(66, 18.954, 220.579)
contains.

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Color

CIELCh(66, 18.954, 220.579)

Conversions

Conversions Part 1

Format	Color
Hex	73A9B6
RGB	115, 169, 182
RGB Percent	45%, 66%, 71%
CMY	0.5496, 0.3378, 0.2869
CMYK	0.37, 0.07, 0.00, 0.29
HSL	192°, 31%, 58%
HSV	192°, 37%, 71%
XYZ	29.6367, 35.3238, 49.4272
YIQ	154.3360, -36.3570, -7.4050

Conversions

Conversions Part 2

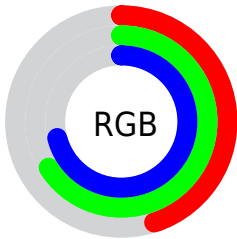
Format	Color
RYB	115, 145, 182
Decimal	7580086
CIELab	66.00, -14.40, -12.33
CIElCh	66, 18.954, 220.579
Yxy	35.3238, 0.2591, 0.3088
Android (android.graphics.Color)	4285770166 (0xFF73A9B6)
YUV	154.3360, 13.6384, -34.4977
Hunter-Lab	59.4338, -15.0002, -7.7039

Details

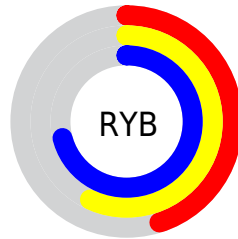
The CIELCh color **66, 18.954, 220.579** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 24.607, 38.762**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 19.024, 221.193**, and **46, 19.054, 219.832** is the 20% darker color. If you saturate the color by 10%, you get **64, 23.032, 221.574**, and if you desaturate by 10%, it is **68, 14.345, 219.850**.

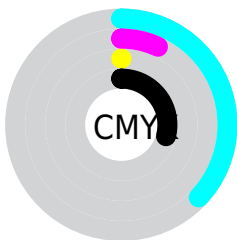
Distribution



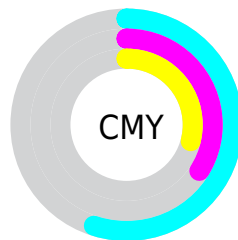
- Red (45%)
- Green (66%)
- Blue (71%)



- Red (45%)
- Yellow (57%)
- Blue (71%)



- Cyan (37%)
- Magenta (7%)
- Yellow (0%)
- Black (29%)





- Cyan (55%)
- Magenta (34%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 18.954, 220.579 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, 18.954, 220.579 by changing the saturation by 10% instead.


 66, 18.954,
220.579


 66, 18.954,
220.579


 100, 18.954,
220.579


 56, 18.954,
220.579


 86, 18.954,
220.579

 46, 18.954,
220.579

 96, 18.954,
220.579

 36, 18.954,
220.579

 26, 18.954,
220.579

 16, 18.954,
220.579

 6, 18.954, 220.579

 0, 18.954, 220.579

66, 18.954,
220.579

66, 18.954,
220.579

64, 23.032,
221.574

68, 14.345,
219.850

62, 26.501,
222.909

70, 9.290, 219.349

72, 3.875, 219.073

61, 29.302,
224.654

75, 1.825, 38.444

59, 31.408,
226.891

77, 7.743, 38.538

58, 32.849,
229.695

80, 13.822, 38.526

82, 20.015, 38.557

57, 33.738,
233.091

84, 24.240, 40.031

56, 33.989,
234.206

85, 23.671, 45.074

Harmonies

Complementary

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



66, 18.954, 220.579



59, 24.607, 38.762

Rectangle

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



66, 18.954, 220.579



66, 18.954, 270.579



66, 18.954, 40.579



66, 18.954, 90.579

Sweetspot

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



66, 18.954, 220.576



91, 7.647, 219.158



68, 39.194, 147.055



48, 5.162, 219.197



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



66, 18.954, 220.576



82, 27.119, 221.339



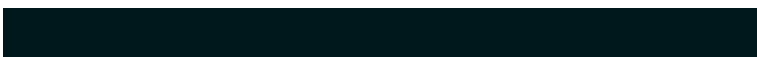
57, 26.750, 278.328



38, 3.214, 219.113



48, 30.259, 233.699



6, 8.553, 228.329

Inverse Universe

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



57, 39.015, 332.673



69, 57.277, 333.218



67, 26.737, 87.736



36, 6.040, 330.861



35, 68.848, 337.640



3, 15.476, 333.597

Previews

White Background



This preview shows how the CIELCh color 66, 18.954, 220.579 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 66, 18.954, 220.579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

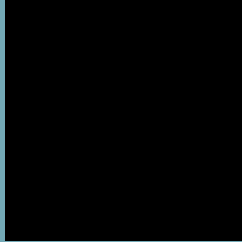
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

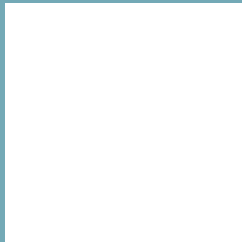
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 18.954, 220.579

Background



This preview shows how black text looks on a background with the CIELCh color 66, 18.954, 220.579.



This preview shows how white text looks on a background with the CIELCh color 66, 18.954, 220.579.

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, 18.954, 220.579

Protanopia
66, 8.879, 288.754

Deuteranopia
66, 16.351, 300.651



Tritanopia
66, 18.954, 220.579

Trichromacy



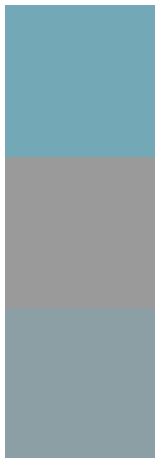
Original Color
66, 18.954, 220.579

Protanomaly
66, 10.587, 246.339

Deuteranomaly
66, 13.770, 267.578

Tritanomaly
66, 18.954, 220.579

Monochromacy



Original Color
66, 18.954, 220.579

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 7.417, 221.030

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 18.954, 220.579 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(115, 169, 182)` looks like.

```
.text, #text, p{  
    color:rgb(115, 169, 182)  
}
```

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(115, 169, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 169, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 18.954, 220.579 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(115, 169, 182) }
```

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

```
.border{ border-color:rgb(115, 169, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 169, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 169, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 169, 182); box-shadow:4px 4px 4px 4px rgb(115, 169, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 18.954, 220.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 169, 182) }
```

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

```
.background{ background-color: rgb(115,  
169, 182) }
```

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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