Converting Colors

CIELCh(66, 14.998, 224.883)

Have a look what the booklet for CIELCh(66, 14.998, 224.883) contains.

Color

CIELCh(66, 14.998, 224.883)

Conversions

Conversions Part 1

Format	Color
Hex	7FA7B3
RGB	127, 167, 179
RGB Percent	50%, 65%, 70%
CMY	0.5026, 0.3457, 0.2987
CMYK	0.29, 0.07, 0.00, 0.30
HSL	194°, 25%, 60%
HSV	194°, 29%, 70%
XYZ	30.6360, 35.3238, 47.7620
YIQ	156.4080, -27.6920, -4.7480

Conversions

Conversions Part 2

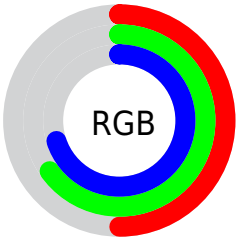
Format	Color
RYB	127, 150, 179
Decimal	8366003
CIELab	66.00, -10.63, -10.58
CIELCh	66, 14.998, 224.883
Yxy	35.3238, 0.2694, 0.3106
Android (android.graphics.Color)	4286556083 (0xFF7FA7B3)
YUV	156.4080, 11.1379, -25.7908
Hunter-Lab	59.4338, -11.9988, -6.0427

Details

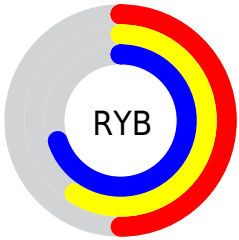
The CIELCh color 66, 14.998, 224.883 is a light color, and the websafe version is hex 669999. A complement of this color would be 61, 18.174, 42.367, and the grayscale version is 64, 0.008, 296.813.

A 20% lighter version of the original color is 86, 15.032, 225.732, and 46, 14.888, 224.337 is the 20% darker color. If you saturate the color by 10%, you get 64, 19.418, 225.916, and if you desaturate by 10%, it is 68, 10.152, 224.108.

Distribution

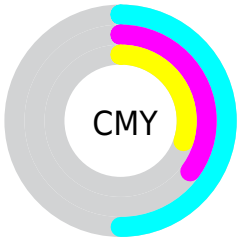


- Red (50%)
- Green (65%)
- Blue (70%)



- Red (50%)
- Yellow (59%)
- Blue (70%)

- Cyan (29%)
- Magenta (7%)
- Yellow (0%)
- Black (30%)



- Cyan (50%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 14.998, 224.883 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, 14.998, 224.883 by changing the saturation by 10% instead.

66, 14.998, 224.883

100, 14.998, 224.883

86, 14.998, 224.883

96, 14.998, 224.883

66, 14.998, 224.883

56, 14.998, 224.883

46, 14.998, 224.883

36, 14.998, 224.883

26, 14.998, 224.883

16, 14.998, 224.883

6, 14.998, 224.883

0, 14.998, 224.883

66, 14.998, 224.883

64, 19.418, 225.916

62, 23.337, 227.283

60, 26.685, 229.055

58, 29.421, 231.319

56, 31.539, 234.161

55, 33.092, 237.650

53, 34.261, 241.706

53, 34.371,

66, 14.998, 224.883

68, 10.152, 224.108

71, 4.957, 223.579

73, 0.514, 42.104

76, 6.200, 42.686

78, 12.046, 42.528

81, 18.007, 42.420

84, 24.048, 42.363

85, 24.580, 47.141

86, 24.246, 53.076

242.082

Harmonies

Complementary

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

66, 14.998, 224.883

61, 18.174, 42.367

Rectangle

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

66, 14.998, 224.883

66, 14.998, 274.883

66, 14.998, 44.883

66, 14.998, 94.883

Sweetspot

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

66, 14.998, 224.878

89, 6.076, 223.582

68, 29.871, 148.935

47, 4.241, 223.642

96, 0.011, 296.813

49, 0.007, 296.813

Same Dimension

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

66, 14.998, 224.878

82, 21.793, 225.521

59, 21.536, 279.185

37, 3.088, 223.588

46, 30.562, 241.487

5, 7.479, 234.047

Inverse Universe

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

59, 29.735, 333.530

72, 44.111, 333.995

68, 21.315, 91.332

35, 5.748, 332.182

34, 66.245, 339.871

2, 12.957, 335.135

Previews

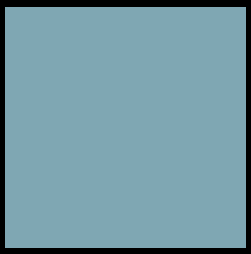
White Background

This preview shows how the CIELCh color 66, 14.998, 224.883 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



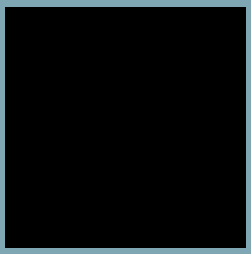
This preview shows how the CIELCh color 66, 14.998, 224.883 looks on a black background.

Color Contrast Check

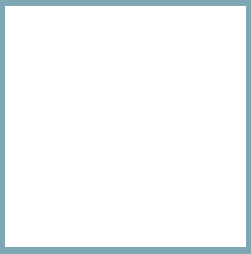
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 66, 14.998, 224.883 Background



This preview shows how black text looks on a background with the CIELCh color 66, 14.998, 224.883.



This preview shows how white text looks on a background with the CIELCh color 66, 14.998, 224.883.

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

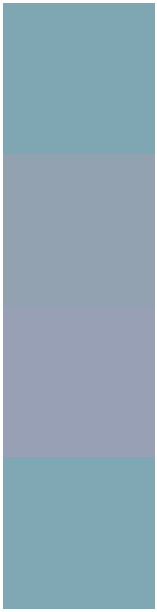
Original Color
66, 14.998, 224.883

Protanopia
66, 8.323, 291.053

Deuteranopia
66, 14.318, 304.786

Tritanopia
66, 15.196, 226.891

Trichromacy



Original Color
66, 14.998, 224.883

Protanomaly
66, 9.319, 255.777

Deuteranomaly
66, 11.471, 275.099

Tritanomaly
66, 15.196, 226.891

Monochromacy

Original Color
66, 14.998, 224.883

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 5.913, 221.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 14.998, 224.883 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(127, 167, 179) looks like.

```
.text, #text, p{
    color:rgb(127, 167, 179)
}
```

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(127, 167, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 167, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 14.998, 224.883 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(127, 167, 179) }
```

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

```
.border{ border-color:rgb(127, 167, 179) }
```

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

Here you see how a box with a 4 pixel rgb(127, 167, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 167, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 167, 179); box-shadow:4px 4px 4px 4px rgb(127, 167, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 14.998, 224.883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(127, 167, 179) }
```

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

```
.background{ background-color:rgb(127,
167, 179) }
```

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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