

Converting Colors

CIELCh(66, 14.149, 209.657)

Have a look what the booklet for
CIELCh(66, 14.149, 209.657)
contains.

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Color

CIELCh(66, 14.149, 209.657)

Conversions

Conversions Part 1

Format	Color
Hex	7FA7AC
RGB	127, 167, 172
RGB Percent	50%, 65%, 67%
CMY	0.5004, 0.3435, 0.3239
CMYK	0.26, 0.03, 0.00, 0.32
HSL	187°, 21%, 59%
HSV	187°, 26%, 68%
XYZ	30.1908, 35.3238, 44.4630
YIQ	155.6100, -25.4450, -6.9250

Conversions

Conversions Part 2

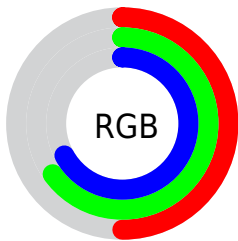
Format	Color
RYB	127, 148, 172
Decimal	8365996
CIELab	66.00, -12.30, -7.00
CIELCh	66, 14.149, 209.657
Yxy	35.3238, 0.2745, 0.3212
Android (android.graphics.Color)	4286556076 (0xFF7FA7AC)
YUV	155.6100, 8.0803, -25.0910
Hunter-Lab	59.4338, -13.3359, -2.7517

Details

The CIELCh color `66, 14.149, 209.657` is a light color, and the websafe version is hex `669999`. A complement of this color would be `59, 16.936, 30.558`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 14.023, 209.359`, and `46, 14.209, 210.109` is the 20% darker color. If you saturate the color by 10%, you get `64, 18.809, 209.813`, and if you desaturate by 10%, it is `68, 9.021, 209.634`.

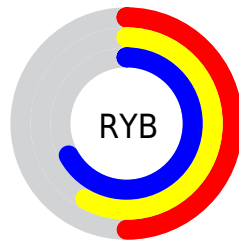
Distribution



Red (50%)

Green (65%)

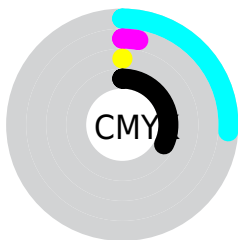
Blue (67%)



Red (50%)

Yellow (58%)

Blue (67%)

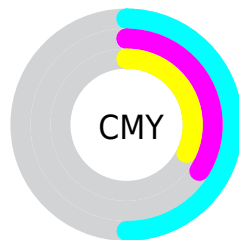


Cyan (26%)

Magenta (3%)

Yellow (0%)

Black (32%)



Cyan (50%)


Magenta (34%)

Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 14.149, 209.657 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, 14.149, 209.657 by changing the saturation by 10% instead.


 66, 14.149,
209.657


 66, 14.149,
209.657


 100, 14.149,
209.657


 56, 14.149,
209.657


 86, 14.149,
209.657

 46, 14.149,
209.657

 96, 14.149,
209.657

 36, 14.149,
209.657

 26, 14.149,
209.657

 16, 14.149,
209.657

 6, 14.149, 209.657

 0, 14.149, 209.657

66, 14.149,
209.657

66, 14.149,
209.657

64, 18.809,
209.813

68, 9.021, 209.634

63, 22.908,
210.141

69, 3.514, 209.787

71, 2.288, 29.578

62, 26.360,
210.671

73, 8.313, 29.949

61, 29.098,
211.441

75, 14.499, 30.235

77, 20.794, 30.541

60, 31.083,
212.495

80, 27.157, 30.867

59, 32.322,
213.876

81, 29.401, 32.221

81, 28.899, 34.315

58, 32.891,
215.611

58, 33.040,

Harmonies

Complementary

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



66, 14.149, 209.657



59, 16.936, 30.558

Rectangle

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



66, 14.149, 209.657



66, 14.149, 259.657



66, 14.149, 29.657



66, 14.149, 79.657

Sweetspot

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



66, 14.149, 209.652



88, 5.674, 209.732



66, 28.341, 145.479



46, 4.012, 209.703



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 14.149, 209.652



83, 20.392, 209.721



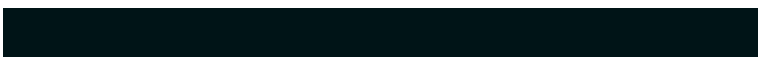
60, 16.290, 269.365



36, 3.246, 209.708



51, 29.912, 216.082



5, 6.788, 214.690

Inverse Universe

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



59, 28.165, 329.116



72, 41.371, 329.438



65, 16.766, 82.066



34, 6.107, 328.117



34, 71.557, 333.125



2, 12.420, 329.087

Previews

White Background



This preview shows how the CIELCh color 66, 14.149, 209.657 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, 14.149, 209.657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

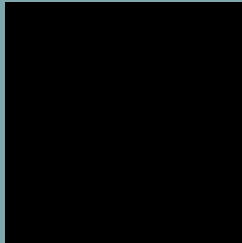
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 14.149, 209.657

Background



This preview shows how black text looks on a background with the CIELCh color 66, 14.149, 209.657.

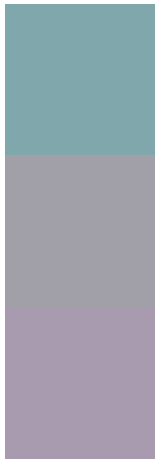


This preview shows how white text looks on a background with the CIELCh color 66, 14.149, 209.657.

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, 14.149, 209.657

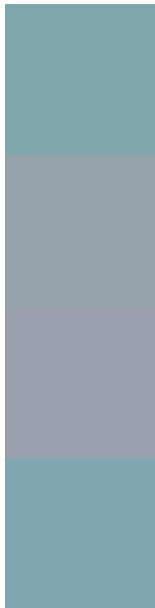
Protanopia
66, 4.515, 300.199

Deuteranopia
66, 12.319, 316.193



Tritanopia
66, 14.619, 230.772

Trichromacy



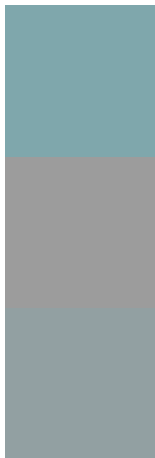
Original Color
66, 14.149, 209.657

Protanomaly
66, 6.072, 238.968

Deuteranomaly
66, 8.022, 275.197

Tritanomaly
66, 14.367, 221.217

Monochromacy



Original Color
66, 14.149, 209.657

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 5.291, 211.204

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 14.149, 209.657 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(127, 167, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 167, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 14.149, 209.657 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, 172) }
```

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

```
.border{ border-color:rgb(127, 167, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 167, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 167, 172);  
box-shadow:4px 4px 4px 4px rgb(127, 167,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 14.149, 209.657 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, 172) }
```

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

```
.background{ background-color: rgb(127,  
167, 172) }
```

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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