

Converting Colors

CIELCh(66, 20.884, 225.885)

Have a look what the booklet for
CIELCh(66, 20.884, 225.885)
contains.

CIELCh(66, 21.014, 226.628)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 21.014, 226.628)

Conversions

Conversions Part 1

Format	Color
Hex	6EA9BB
RGB	110, 169, 187
RGB Percent	43%, 66%, 73%
CMY	0.5682, 0.3369, 0.2663
CMYK	0.41, 0.10, 0.00, 0.27
HSL	194°, 36%, 58%
HSV	194°, 41%, 73%
XYZ	29.6274, 35.3238, 52.3238
YIQ	153.4110, -40.9420, -6.9100

Conversions

Conversions Part 2

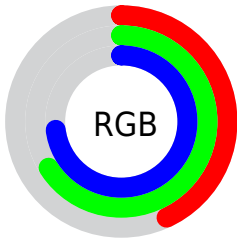
Format	Color
RYB	110, 143, 187
Decimal	7252411
CIELab	66.00, -14.43, -15.28
CIELCh	66, 21.014, 226.628
Yxy	35.3238, 0.2526, 0.3012
Android (android.graphics.Color)	4285442491 (0xFF6EA9BB)
YUV	153.4110, 16.5594, -38.0714
Hunter-Lab	59.4338, -15.0280, -10.5935

Details

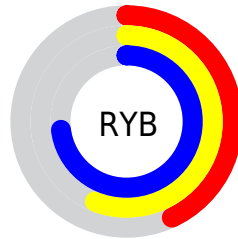
The CIELCh color **66, 21.014, 226.628** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 28.010, 42.682**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 20.911, 226.998**, and **46, 21.052, 226.615** is the 20% darker color. If you saturate the color by 10%, you get **64, 24.957, 228.106**, and if you desaturate by 10%, it is **68, 16.534, 225.496**.

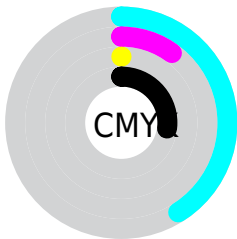
Distribution



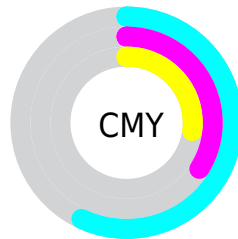
- Red (43%)
- Green (66%)
- Blue (73%)



- Red (43%)
- Yellow (56%)
- Blue (73%)



- Cyan (41%)
- Magenta (10%)
- Yellow (0%)
- Black (27%)





- Cyan (57%)
- Magenta (34%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 21.014, 226.628 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, 21.014, 226.628 by changing the saturation by 10% instead.


 66, 21.014,
226.628


 66, 21.014,
226.628


 100, 21.014,
226.628


 56, 21.014,
226.628


 86, 21.014,
226.628

 46, 21.014,
226.628


 96, 21.014,
226.628

 36, 21.014,
226.628

 26, 21.014,
226.628

 16, 21.014,
226.628

 6, 21.014, 226.628

 0, 21.014, 226.628

66, 21.014,
226.628

66, 21.014,
226.628

64, 24.957,
228.106

68, 16.534,
225.496

62, 28.300,
230.017

71, 11.597,
224.650

60, 31.004,
232.448

73, 6.283, 224.049

58, 33.078,
235.485

76, 0.667, 224.262

78, 5.183, 43.072

57, 34.597,
239.186

81, 11.209, 42.897

55, 35.666,
242.887

84, 17.363, 42.767

86, 21.842, 44.462

87, 21.406, 51.552

Harmonies

Complementary

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



66, 21.014, 226.628



59, 28.010, 42.682

Rectangle

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



66, 21.014, 226.628



66, 21.014, 276.628



66, 21.014, 46.628



66, 21.014, 96.628

Sweetspot

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



66, 21.014, 226.625



92, 8.316, 224.100



70, 43.030, 148.266



49, 5.542, 224.168



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



66, 21.014, 226.625



81, 29.685, 227.880



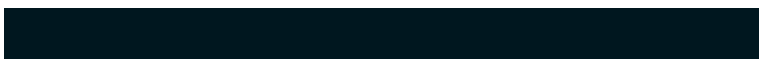
55, 32.769, 282.724



39, 3.228, 223.969



47, 31.405, 242.259



7, 9.468, 234.548

Inverse Universe

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



57, 43.222, 334.536



68, 62.592, 335.199



69, 31.934, 90.978



37, 6.006, 332.300



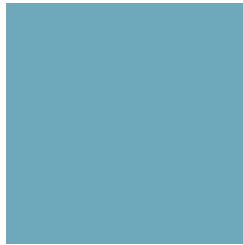
35, 67.681, 340.106



3, 17.066, 336.053

Previews

White Background



This preview shows how the CIE LCh color 66, 21.014, 226.628 looks on a white background.

Color Contrast Check

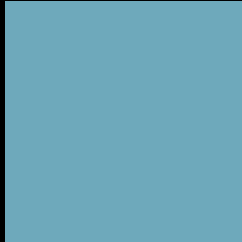
Large Text (above 18pt) WCAG AA × Fail

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, 21.014, 226.628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

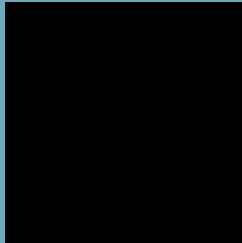
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 21.014, 226.628

Background



This preview shows how black text looks on a background with the CIELCh color 66, 21.014, 226.628.

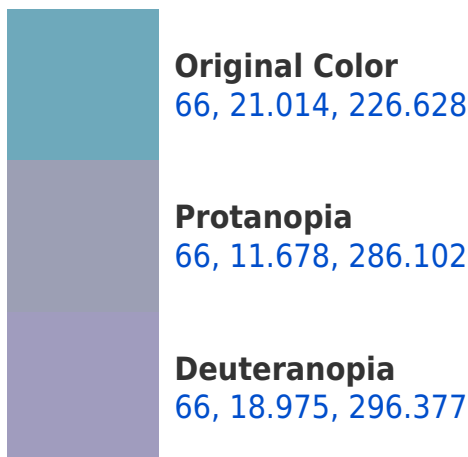



This preview shows how white text looks on a background with the CIELCh color 66, 21.014, 226.628.

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





Tritanopia
66, 20.765, 218.379

Trichromacy



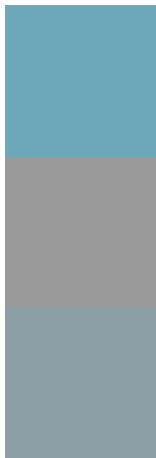
Original Color
66, 21.014, 226.628

Protanomaly
66, 13.632, 253.736

Deuteranomaly
66, 16.637, 268.783

Tritanomaly
66, 20.882, 219.918

Monochromacy



Original Color
66, 21.014, 226.628

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 8.454, 226.443

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 21.014, 226.628 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(110, 169, 187)` looks like.

```
.text, #text, p{  
    color:rgb(110, 169, 187)  
}
```

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(110, 169, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 169, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 21.014, 226.628 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(110, 169, 187) }
```

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

```
.border{ border-color:rgb(110, 169, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 169, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 169, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 169, 187);  
box-shadow:4px 4px 4px 4px rgb(110, 169,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 21.014, 226.628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 169, 187) }
```

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

```
.background{ background-color: rgb(110,  
169, 187) }
```

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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