

Converting Colors

CIELCh(66, 17.934, 232.168)

Have a look what the booklet for
CIELCh(66, 17.934, 232.168)
contains.

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Color

CIELCh(66, 17.885, 232.510)

Conversions

Conversions Part 1

Format	Color
Hex	79A7B9
RGB	121, 167, 185
RGB Percent	47%, 65%, 73%
CMY	0.5245, 0.3441, 0.2735
CMYK	0.35, 0.10, 0.00, 0.27
HSL	197°, 31%, 60%
HSV	197°, 35%, 73%
XYZ	30.5668, 35.3238, 51.2449
YIQ	155.2980, -33.1940, -4.1540

Conversions

Conversions Part 2

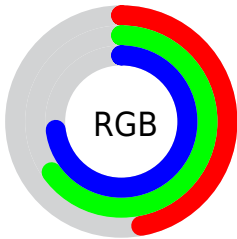
Format	Color
RYB	121, 148, 185
Decimal	7972793
CIELab	66.00, -10.89, -14.19
CIELCh	66, 17.885, 232.510
Yxy	35.3238, 0.2610, 0.3016
Android (android.graphics.Color)	4286162873 (0xFF79A7B9)
YUV	155.2980, 14.6431, -30.0793
Hunter-Lab	59.4338, -12.2067, -9.5172

Details

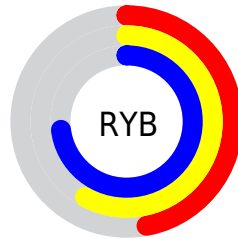
The CIELCh color **66, 17.885, 232.510** is a light color, and the websafe version is hex **669999**. A complement of this color would be **62, 22.249, 47.588**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 17.932, 232.553**, and **46, 17.904, 232.719** is the 20% darker color. If you saturate the color by 10%, you get **64, 22.238, 234.084**, and if you desaturate by 10%, it is **69, 13.106, 231.276**.

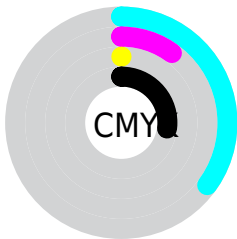
Distribution



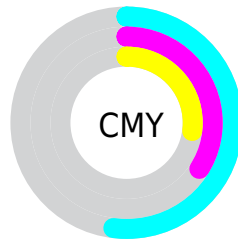
- Red (47%)
- Green (65%)
- Blue (73%)



- Red (47%)
- Yellow (58%)
- Blue (73%)



- Cyan (35%)
- Magenta (10%)
- Yellow (0%)
- Black (27%)





- Cyan (52%)
- Magenta (34%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 17.885, 232.510 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, 17.885, 232.510 by changing the saturation by 10% instead.


 66, 17.885,
232.510


 66, 17.885,
232.510


 100, 17.885,
232.510


 56, 17.885,
232.510


 86, 17.885,
232.510

 46, 17.885,
232.510

 96, 17.885,
232.510

 36, 17.885,
232.510

 26, 17.885,
232.510

 16, 17.885,
232.510

 6, 17.885, 232.510

 0, 17.885, 232.510

66, 17.885,
232.510

66, 17.885,
232.510

64, 22.238,
234.084

69, 13.106,
231.276

61, 26.103,
236.089

71, 7.971, 230.333

74, 2.549, 229.711

59, 29.436,
238.609

77, 3.099, 48.783

57, 32.228,
241.734

80, 8.920, 48.437

55, 34.526,
245.528

83, 14.867, 48.116

86, 20.903, 47.864

53, 36.441,
249.999

87, 21.968, 54.303

52, 37.448,
252.550

88, 22.048, 62.692

Harmonies

Complementary

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



66, 17.885, 232.510



62, 22.249, 47.588

Rectangle

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



66, 17.885, 232.510



66, 17.885, 282.510



66, 17.885, 52.510



66, 17.885, 102.510

Sweetspot

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



66, 17.885, 232.507



91, 6.823, 230.005



70, 35.109, 150.169



48, 4.638, 230.103



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, 17.885, 232.507



81, 25.513, 233.589



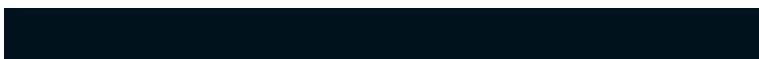
57, 28.209, 283.468



37, 3.118, 229.950



44, 32.740, 251.819



5, 8.609, 242.312

Inverse Universe

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



59, 35.053, 335.993



71, 50.977, 336.570



70, 27.348, 94.185



36, 5.675, 334.126



34, 64.751, 343.264



3, 14.291, 338.279

Previews

White Background



This preview shows how the CIELCh color 66, 17.885, 232.510 looks on a white background.

Color Contrast Check

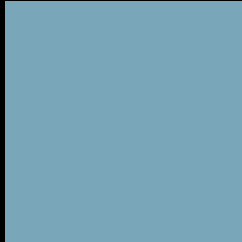
Large Text (above 18pt) WCAG AA × Fail

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, 17.885, 232.510 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

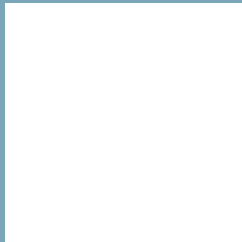
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 17.885, 232.510

Background



This preview shows how black text looks on a background with the CIELCh color 66, 17.885, 232.510.



This preview shows how white text looks on a background with the CIELCh color 66, 17.885, 232.510.

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, 17.361, 222.908

Trichromacy



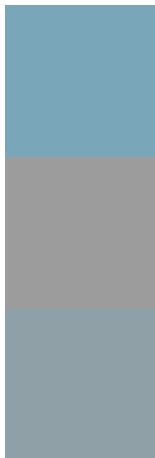
Original Color
66, 17.885, 232.510

Protanomaly
66, 12.588, 261.248

Deuteranomaly
66, 15.517, 274.828

Tritanomaly
66, 17.718, 226.427

Monochromacy



Original Color
66, 17.885, 232.510

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 7.234, 231.661

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 17.885, 232.510 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(121, 167, 185)` looks like.

```
.text, #text, p{  
    color:rgb(121, 167, 185)  
}
```

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(121, 167, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 167, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 17.885, 232.510 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(121, 167, 185) }
```

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

```
.border{ border-color:rgb(121, 167, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 167, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 167, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 167, 185);  
box-shadow:4px 4px 4px 4px rgb(121, 167,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 17.885, 232.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 167, 185) }
```

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

```
.background{ background-color: rgb(121,  
167, 185) }
```

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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