

Converting Colors

CIELCh(66, 23.296, 220.382)

Have a look what the booklet for
CIELCh(66, 23.296, 220.382)
contains.

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Color

CIELCh(66, 23.294, 220.350)

Conversions

Conversions Part 1

Format	Color
Hex	65ABBB
RGB	101, 171, 187
RGB Percent	40%, 67%, 73%
CMY	0.6052, 0.3307, 0.2680
CMYK	0.46, 0.09, 0.00, 0.27
HSL	191°, 39%, 56%
HSV	191°, 46%, 73%
XYZ	28.7651, 35.3238, 52.1302
YIQ	151.8940, -46.8560, -9.8640

Conversions

Conversions Part 2

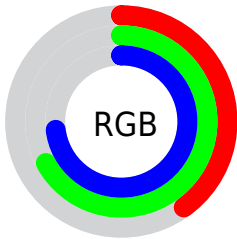
Format	Color
RYB	101, 140, 187
Decimal	6663099
CIELab	66.00, -17.75, -15.08
CIElCh	66, 23.294, 220.350
Yxy	35.3238, 0.2475, 0.3039
Android (android.graphics.Color)	4284853179 (0xFF65ABBB)
YUV	151.8940, 17.3073, -44.6340
Hunter-Lab	59.4338, -17.6178, -10.4004

Details

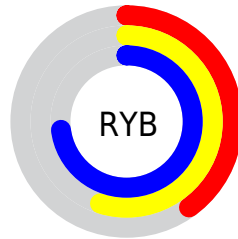
The CIELCh color **66, 23.294, 220.350** is a light color, and the websafe version is hex **669999**. A complement of this color would be **56, 32.808, 38.399**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 23.334, 220.736**, and **46, 23.347, 219.969** is the 20% darker color. If you saturate the color by 10%, you get **64, 26.878, 221.584**, and if you desaturate by 10%, it is **68, 19.082, 219.432**.

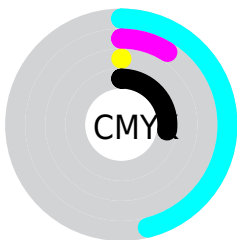
Distribution



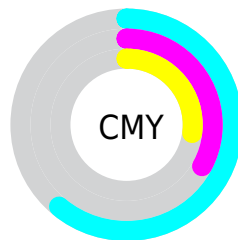
- Red (40%)
- Green (67%)
- Blue (73%)



- Red (40%)
- Yellow (55%)
- Blue (73%)



- Cyan (46%)
- Magenta (9%)
- Yellow (0%)
- Black (27%)





- Cyan (61%)
- Magenta (33%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 23.294, 220.350 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, 23.294, 220.350 by changing the saturation by 10% instead.


 66, 23.294,
220.350


 66, 23.294,
220.350


 100, 23.294,
220.350


 56, 23.294,
220.350


 86, 23.294,
220.350

 46, 23.294,
220.350

 96, 23.294,
220.350

 36, 23.294,
220.350

 26, 23.294,
220.350

 16, 23.294,
220.350

 6, 23.294, 220.350

 0, 23.294, 220.350

66, 23.294,
220.350

66, 23.294,
220.350

64, 26.878,
221.584

68, 19.082,
219.432

63, 29.769,
223.212

70, 14.326,
218.777

61, 31.939,
225.310

72, 9.114, 218.337

60, 33.410,
227.954

74, 3.535, 218.127

77, 2.335, 37.582

59, 34.279,
231.188

79, 8.424, 37.663

58, 34.562,
232.530

82, 14.676, 37.685

84, 21.043, 37.746

86, 22.278, 41.589

Harmonies

Complementary

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



66, 23.294, 220.350



56, 32.808, 38.399

Rectangle

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



66, 23.294, 220.350



66, 23.294, 270.350



66, 23.294, 40.350



66, 23.294, 90.350

Sweetspot

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



66, 23.294, 220.348



92, 9.864, 218.278



69, 49.643, 146.036



49, 6.823, 218.349



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, 23.294, 220.348



82, 32.614, 221.559



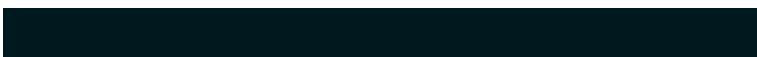
54, 34.482, 280.422



39, 3.302, 218.159



50, 30.546, 232.022



7, 9.543, 226.144

Inverse Universe

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



55, 49.526, 333.007



66, 71.432, 333.693



67, 34.342, 86.467



37, 6.213, 330.584



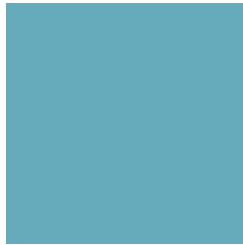
36, 70.077, 337.185



3, 17.869, 333.457

Previews

White Background



This preview shows how the CIELCh color 66, 23.294, 220.350 looks on a white background.

Color Contrast Check

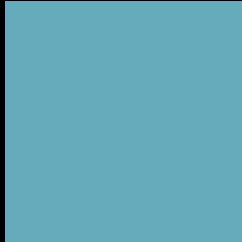
Large Text (above 18pt) WCAG AA × Fail

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, 23.294, 220.350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

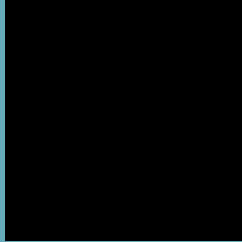
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 23.294, 220.350

Background



This preview shows how black text looks on a background with the CIELCh color 66, 23.294, 220.350.

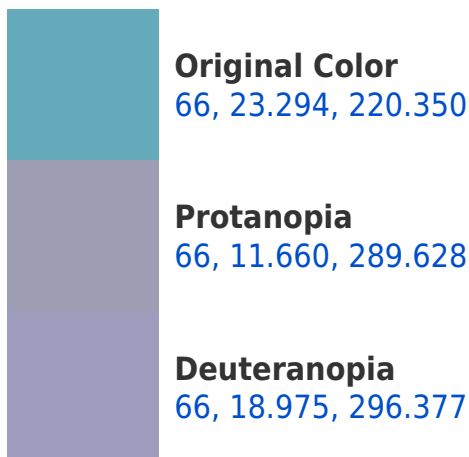


This preview shows how white text looks on a background with the CIELCh color 66, 23.294, 220.350.

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](#).

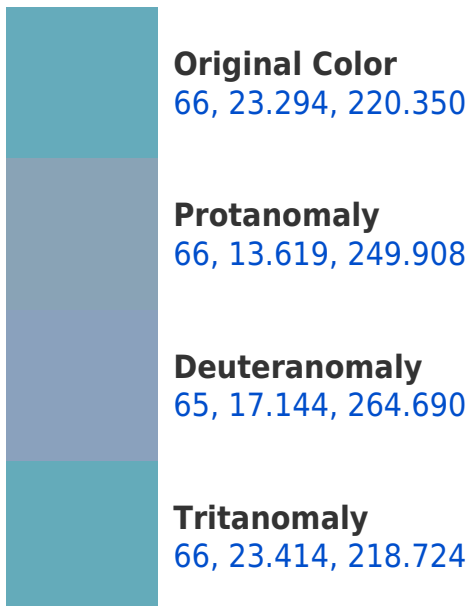
Dichromacy



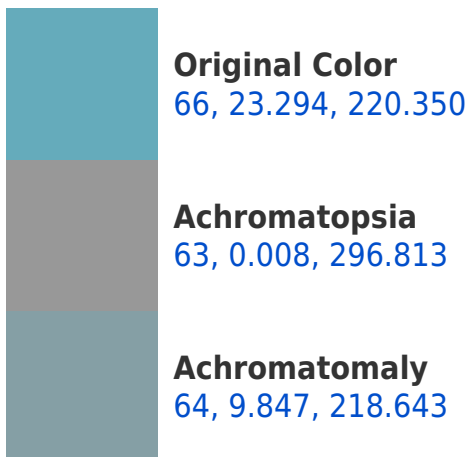


Tritanopia
66, 23.317, 217.334

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 23.294, 220.350 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(101, 171, 187)` looks like.

```
.text, #text, p{  
    color:rgb(101, 171, 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(101, 171, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 171, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 23.294, 220.350 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(101, 171, 187) }
```

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

```
.border{ border-color:rgb(101, 171, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 171, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 171, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 171, 187);  
box-shadow:4px 4px 4px 4px rgb(101, 171,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 23.294, 220.350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 171, 187) }
```

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

```
.background{ background-color: rgb(101,  
171, 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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