

Converting Colors

CIELCh(66, 20.420, 224.045)

Have a look what the booklet for
CIELCh(66, 20.420, 224.045)
contains.

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Color

CIELCh(66, 20.424, 223.979)

Conversions

Conversions Part 1

Format	Color
Hex	6FA9B9
RGB	111, 169, 185
RGB Percent	44%, 66%, 73%
CMY	0.5642, 0.3367, 0.2740
CMYK	0.40, 0.09, 0.00, 0.27
HSL	193°, 35%, 58%
HSV	193°, 40%, 73%
XYZ	29.5577, 35.3238, 51.2363
YIQ	153.4820, -39.7040, -7.3200

Conversions

Conversions Part 2

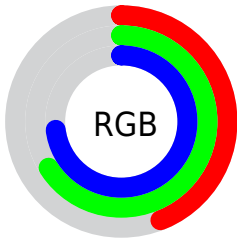
Format	Color
R _Y B	111, 144, 185
Decimal	7317945
CIE Lab	66.00, -14.70, -14.18
CIE LCh	66, 20.424, 223.979
Yxy	35.3238, 0.2545, 0.3042
Android (android.graphics.Color)	4285508025 (0xFF6FA9B9)
YUV	153.4820, 15.5384, -37.2567
Hunter-Lab	59.4338, -15.2373, -9.5086

Details

The CIELCh color **66, 20.424, 223.979** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 27.092, 40.968**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 20.294, 224.570**, and **46, 20.534, 223.600** is the 20% darker color. If you saturate the color by 10%, you get **64, 24.382, 225.264**, and if you desaturate by 10%, it is **68, 15.923, 223.009**.

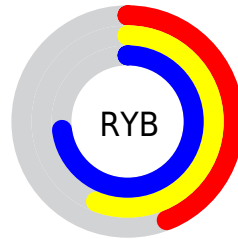
Distribution



Red (44%)

Green (66%)

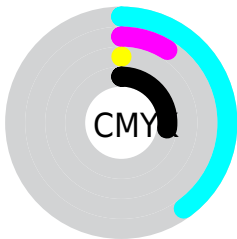
Blue (73%)



Red (44%)

Yellow (56%)

Blue (73%)

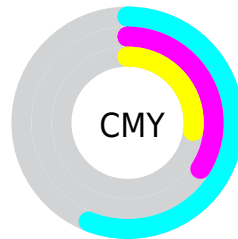


Cyan (40%)

Magenta (9%)

Yellow (0%)

Black (27%)



Cyan (56%)


Magenta (34%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 20.424, 223.979 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, 20.424, 223.979 by changing the saturation by 10% instead.


 66, 20.424,
223.979


 66, 20.424,
223.979


 100, 20.424,
223.979


 56, 20.424,
223.979


 86, 20.424,
223.979

 46, 20.424,
223.979

 96, 20.424,
223.979

 36, 20.424,
223.979

 26, 20.424,
223.979

 16, 20.424,
223.979

 6, 20.424, 223.979

 0, 20.424, 223.979

66, 20.424,
223.979

66, 20.424,
223.979

64, 24.382,
225.264

68, 15.923,
223.009

62, 27.727,
226.946

70, 10.962,
222.303

60, 30.413,
229.107

73, 5.624, 221.826

59, 32.437,
231.833

75, 0.017, 10.595

78, 5.886, 41.041

57, 33.856,
235.192

80, 11.932, 40.937

56, 34.878,
239.083

83, 18.104, 40.875

85, 22.762, 42.235

56, 34.881,
239.094

86, 22.242, 48.411

Harmonies

Complementary

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



66, 20.424, 223.979



59, 27.092, 40.968

Rectangle

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



66, 20.424, 223.979



66, 20.424, 273.979



66, 20.424, 43.979



66, 20.424, 93.979

Sweetspot

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



66, 20.424, 223.976



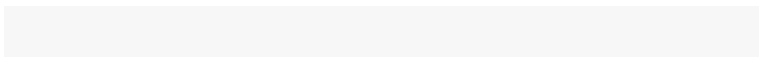
91, 8.303, 221.911



69, 42.524, 147.269



48, 5.485, 221.966



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, 20.424, 223.976



81, 29.060, 225.091



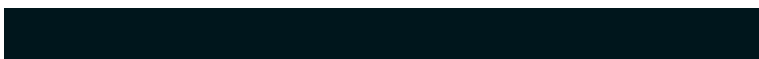
56, 30.182, 280.207



38, 3.179, 221.804



47, 30.609, 238.477



6, 8.518, 232.026

Inverse Universe

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



57, 42.177, 333.748



68, 61.640, 334.393



68, 29.897, 88.621



36, 5.945, 331.654



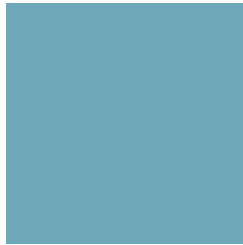
35, 67.738, 338.983



3, 15.153, 334.761

Previews

White Background



This preview shows how the CIELCh color 66, 20.424, 223.979 looks on a white background.

Color Contrast Check

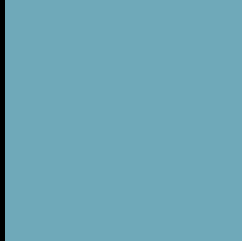
Large Text (above 18pt) WCAG AA × Fail

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, 20.424, 223.979 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, 20.424, 223.979

Background



This preview shows how black text looks on a background with the CIELCh color 66, 20.424, 223.979.

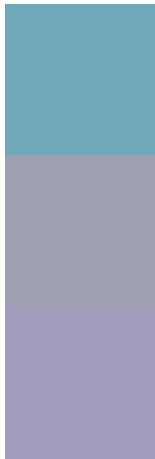


This preview shows how white text looks on a background with the CIELCh color 66, 20.424, 223.979.

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, 20.424, 223.979

Protanopia

66, 10.552, 287.351

Deuteranopia

66, 17.946, 298.814



Tritanopia
66, 20.126, 220.862

Trichromacy



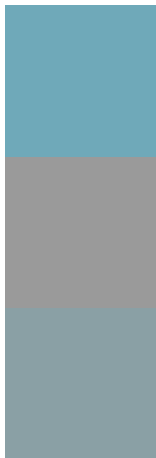
Original Color
66, 20.424, 223.979

Protanomaly
66, 12.602, 251.632

Deuteranomaly
66, 15.397, 269.252

Tritanomaly
66, 20.268, 222.432

Monochromacy



Original Color
66, 20.424, 223.979

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 8.393, 218.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 20.424, 223.979 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(111, 169, 185)` looks like.

```
.text, #text, p{  
    color:rgb(111, 169, 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(111, 169, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 169, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 20.424, 223.979 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(111, 169, 185) }
```

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

```
.border{ border-color:rgb(111, 169, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 169, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 169, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 169, 185);  
box-shadow:4px 4px 4px 4px rgb(111, 169,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 20.424, 223.979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 169, 185) }
```

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

```
.background{ background-color: rgb(111,  
169, 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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