

Converting Colors

CIELCh(64, 19.739, 247.240)

Have a look what the booklet for
CIELCh(64, 19.739, 247.240)
contains.

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Color

CIELCh(64, 19.725, 246.233)

Conversions

Conversions Part 1

Format	Color
Hex	76A1BB
RGB	118, 161, 187
RGB Percent	46%, 63%, 73%
CMY	0.5383, 0.3697, 0.2678
CMYK	0.37, 0.14, 0.00, 0.27
HSL	203°, 34%, 60%
HSV	203°, 37%, 73%
XYZ	29.0701, 32.8017, 51.6539
YIQ	151.1070, -33.9740, -1.0300

Conversions

Conversions Part 2

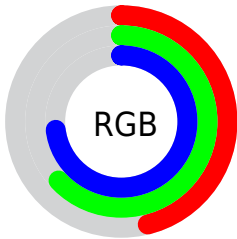
Format	Color
R _Y B	118, 144, 187
Decimal	7774651
CIE Lab	64.00, -7.95, -18.05
CIE LCh	64, 19.725, 246.233
Yxy	32.8017, 0.2561, 0.2889
Android (android.graphics.Color)	4285964731 (0xFF76A1BB)
YUV	151.1070, 17.6952, -29.0348
Hunter-Lab	57.2727, -9.6255, -13.3824

Details

The CIELCh color $64, 19.725, 246.233$ is a light color, and the websafe version is hex `6699CC`. A complement of this color would be $63, 23.741, 57.730$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 19.672, 245.370$, and $44, 19.673, 245.648$ is the 20% darker color. If you saturate the color by 10%, you get $61, 24.438, 248.425$, and if you desaturate by 10%, it is $67, 14.704, 244.445$.

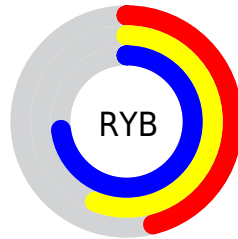
Distribution



Red (46%)

Green (63%)

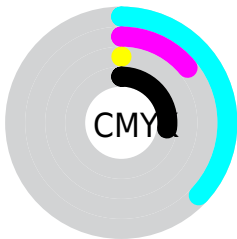
Blue (73%)



Red (46%)

Yellow (56%)

Blue (73%)

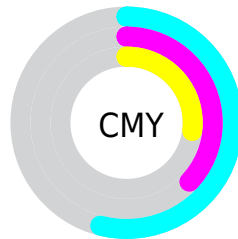


Cyan (37%)

Magenta (14%)

Yellow (0%)

Black (27%)



Cyan (54%)


Magenta (37%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 19.725, 246.233 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 64, 19.725, 246.233 by changing the saturation by 10% instead.


 64, 19.725,
246.233


 64, 19.725,
246.233


 100, 19.725,
246.233


 54, 19.725,
246.233


 84, 19.725,
246.233

 44, 19.725,
246.233

 94, 19.725,
246.233

 34, 19.725,
246.233

 24, 19.725,
246.233

 14, 19.725,
246.233

 4, 19.725, 246.233

 0, 19.725, 246.233

64, 19.725,
246.233

64, 19.725,
246.233

61, 24.438,
248.425

67, 14.704,
244.445

58, 28.812,
251.108

70, 9.421, 242.999

74, 3.925, 241.870

55, 32.841,
254.351

77, 1.738, 60.527

53, 36.556,
258.204

80, 7.527, 59.911

50, 40.044,
262.658

83, 13.406, 59.265

87, 19.344, 58.714

48, 43.450,
267.580

89, 21.706, 65.992

47, 44.526,
269.046

91, 22.811, 76.795

Harmonies

Complementary

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



64, 19.725, 246.233



63, 23.741, 57.730

Rectangle

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



64, 19.725, 246.233



64, 19.725, 296.233



64, 19.725, 66.233



64, 19.725, 116.233

Sweetspot

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



64, 19.724, 246.230



91, 7.627, 242.304



70, 34.908, 153.852



48, 5.155, 242.459



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



64, 19.724, 246.230



78, 28.467, 247.896



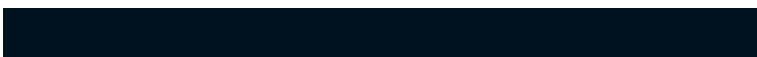
55, 34.426, 289.354



38, 3.217, 242.108



40, 39.009, 268.339



5, 10.244, 255.915

Inverse Universe

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



58, 35.357, 340.582



70, 51.655, 341.366



72, 32.277, 100.092



37, 5.424, 338.209



34, 61.948, 350.553



3, 15.120, 344.293

Previews

White Background



This preview shows how the CIELCh color 64, 19.725, 246.233 looks on a white background.

Color Contrast Check

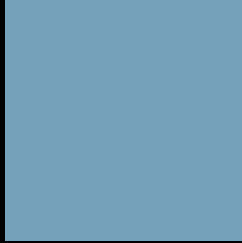
Large Text (above 18pt) WCAG AA × Fail

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 64, 19.725, 246.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

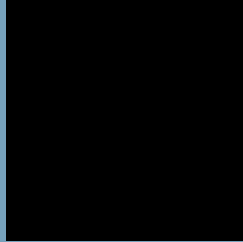
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

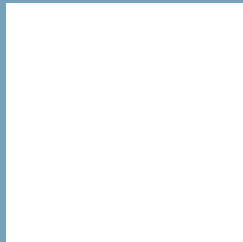
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 19.725, 246.233

Background



This preview shows how black text looks on a background with the CIELCh color 64, 19.725, 246.233.



This preview shows how white text looks on a background with the CIELCh color 64, 19.725, 246.233.

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

64, 19.725, 246.233

Protanopia

64, 16.224, 286.923

Deuteranopia

64, 21.253, 293.359



Tritanopia
64, 17.391, 222.989

Trichromacy



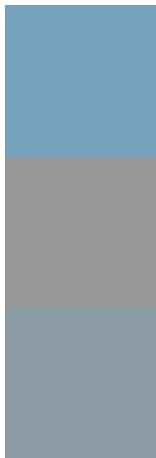
Original Color
64, 19.725, 246.233

Protanomaly
64, 16.608, 269.965

Deuteranomaly
64, 18.948, 276.480

Tritanomaly
64, 17.923, 232.636

Monochromacy



Original Color
64, 19.725, 246.233

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 7.606, 240.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 19.725, 246.233 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(118, 161, 187)` looks like.

```
.text, #text, p{  
    color:rgb(118, 161, 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(118, 161, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 161, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 19.725, 246.233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

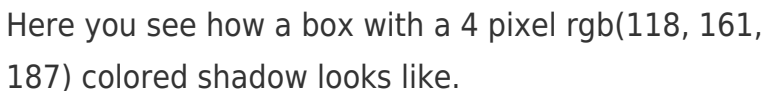
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 161, 187) }
```

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

```
.border{ border-color:rgb(118, 161, 187) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 161, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 161, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 161, 187);  
box-shadow:4px 4px 4px 4px rgb(118, 161,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 19.725, 246.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 161, 187) }
```

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

```
.background{ background-color: rgb(118,  
161, 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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