

Converting Colors

CIELCh(64, 19.624, 247.874)

Have a look what the booklet for
CIELCh(64, 19.624, 247.874)
contains.

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Color

CIELCh(64, 19.720, 248.833)

Conversions

Conversions Part 1

Format	Color
Hex	77A0BB
RGB	119, 160, 187
RGB Percent	47%, 63%, 73%
CMY	0.5320, 0.3713, 0.2653
CMYK	0.36, 0.14, 0.00, 0.27
HSL	204°, 33%, 60%
HSV	204°, 36%, 73%
XYZ	29.2852, 32.8017, 51.9898
YIQ	150.8190, -33.1030, -0.2950

Conversions

Conversions Part 2

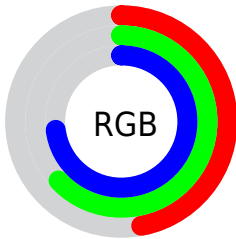
Format	Color
RYB	119, 145, 187
Decimal	7839931
CIELab	64.00, -7.12, -18.39
CIElCh	64, 19.720, 248.833
Yxy	32.8017, 0.2567, 0.2875
Android (android.graphics.Color)	4286030011 (0xFF77A0BB)
YUV	150.8190, 17.8372, -27.9053
Hunter-Lab	57.2727, -8.9551, -13.7301

Details

The CIELCh color $64, 19.720, 248.833$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $64, 23.350, 59.998$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 19.633, 247.876$, and $44, 19.705, 248.345$ is the 20% darker color. If you saturate the color by 10%, you get $61, 24.600, 251.069$, and if you desaturate by 10%, it is $67, 14.564, 246.997$.

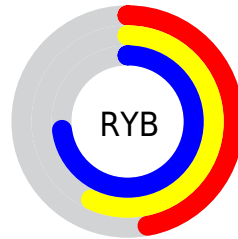
Distribution



Red (47%)

Green (63%)

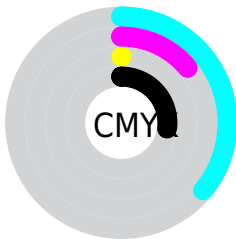
Blue (73%)



Red (47%)

Yellow (57%)

Blue (73%)

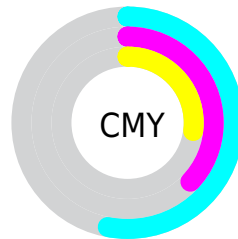


Cyan (36%)

Magenta (14%)

Yellow (0%)

Black (27%)



Cyan (53%)


Magenta (37%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 19.720, 248.833 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, 19.720, 248.833 by changing the saturation by 10% instead.

 64, 19.720,
248.833


 64, 19.720,
248.833


 100, 19.720,
248.833


 54, 19.720,
248.833


 84, 19.720,
248.833

 44, 19.720,
248.833

 94, 19.720,
248.833

 34, 19.720,
248.833

 24, 19.720,
248.833

 14, 19.720,
248.833

 4, 19.720, 248.833

 0, 19.720, 248.833

64, 19.720,
248.833

64, 19.720,
248.833

61, 24.600,
251.069

67, 14.564,
246.997

58, 29.180,
253.789

71, 9.176, 245.504

55, 33.455,
257.058

74, 3.599, 244.333

77, 2.126, 62.987

52, 37.461,
260.918

81, 7.959, 62.279

50, 41.282,
265.354

84, 13.868, 61.585

88, 19.825, 60.990

47, 45.055,
270.237

90, 21.796, 70.024

46, 46.498,
272.002

92, 23.291, 81.037

Harmonies

Complementary

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



64, 19.720, 248.833



64, 23.350, 59.998

Rectangle

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



64, 19.720, 248.833



64, 19.720, 298.833



64, 19.720, 68.833



64, 19.720, 118.833

Sweetspot

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



64, 19.719, 248.831



92, 7.752, 244.858



71, 33.957, 154.638



48, 5.197, 245.021



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, 19.719, 248.831



79, 29.158, 250.688



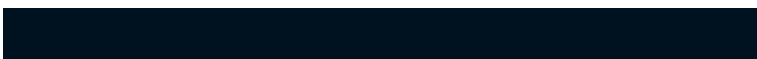
55, 34.549, 290.028



38, 3.241, 244.649



39, 40.599, 271.292



5, 10.437, 258.353

Inverse Universe

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



58, 34.389, 341.540



71, 51.435, 342.423



72, 32.306, 101.081



37, 5.346, 339.157



34, 61.347, 352.250



3, 14.896, 345.504

Previews

White Background



This preview shows how the CIELCh color 64, 19.720, 248.833 looks on a white background.

Color Contrast Check

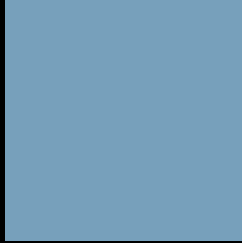
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 64, 19.720, 248.833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

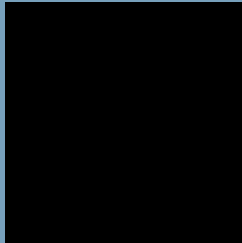
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

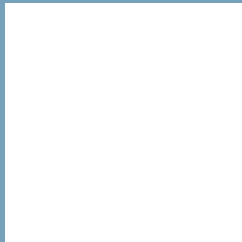
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 19.720, 248.833

Background



This preview shows how black text looks on a background with the CIELCh color 64, 19.720, 248.833.



This preview shows how white text looks on a background with the CIELCh color 64, 19.720, 248.833.

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, 19.720, 248.833

Protanopia

64, 16.778, 287.159

Deuteranopia

64, 21.253, 293.359



Tritanopia
64, 16.861, 223.889

Trichromacy



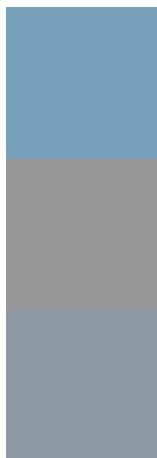
Original Color
64, 19.720, 248.833

Protanomaly
64, 17.118, 270.772

Deuteranomaly
64, 19.428, 277.991

Tritanomaly
64, 17.446, 233.784

Monochromacy



Original Color
64, 19.720, 248.833

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 7.723, 245.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 19.720, 248.833 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(119, 160, 187)` looks like.

```
.text, #text, p{  
    color:rgb(119, 160, 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(119, 160, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 160, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 19.720, 248.833 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(119, 160, 187) }
```

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

```
.border{ border-color:rgb(119, 160, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 160, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 160, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 160, 187);  
box-shadow:4px 4px 4px 4px rgb(119, 160,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 19.720, 248.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 160, 187) }
```

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

```
.background{ background-color: rgb(119,  
160, 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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