

Converting Colors

CIELCh(64, 20.492, 251.228)

Have a look what the booklet for
CIELCh(64, 20.492, 251.228)
contains.

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Color

CIELCh(64, 20.492, 251.228)

Conversions

Conversions Part 1

Format	Color
Hex	77A0BD
RGB	119, 160, 189
RGB Percent	47%, 63%, 74%
CMY	0.5328, 0.3720, 0.2583
CMYK	0.37, 0.15, 0.00, 0.26
HSL	205°, 35%, 60%
HSV	205°, 37%, 74%
XYZ	29.4223, 32.8017, 53.0065
YIQ	151.0470, -33.7450, 0.3270

Conversions

Conversions Part 2

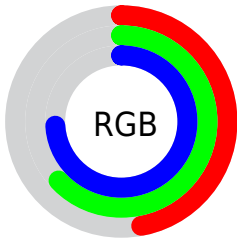
Format	Color
RYB	119, 145, 189
Decimal	7839933
CIELab	64.00, -6.59, -19.40
CIELCh	64, 20.492, 251.228
Yxy	32.8017, 0.2553, 0.2847
Android (android.graphics.Color)	4286030013 (0xFF77A0BD)
YUV	151.0470, 18.7108, -28.1052
Hunter-Lab	57.2727, -8.5277, -14.7826

Details

The CIELCh color $64, 20.492, 251.228$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $64, 24.086, 61.787$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 20.366, 250.120$, and $44, 20.495, 251.070$ is the 20% darker color. If you saturate the color by 10%, you get $61, 25.515, 253.549$, and if you desaturate by 10%, it is $67, 15.216, 249.314$.

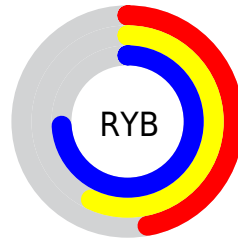
Distribution



Red (47%)

Green (63%)

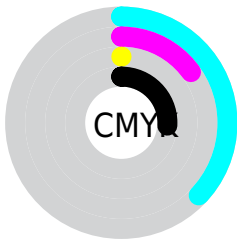
Blue (74%)



Red (47%)

Yellow (57%)

Blue (74%)

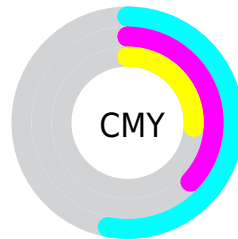


Cyan (37%)

Magenta (15%)

Yellow (0%)

Black (26%)



Cyan (53%)

Magenta (37%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 20.492, 251.228 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, 20.492, 251.228 by changing the saturation by 10% instead.

 64, 20.492,
251.228

 64, 20.492,
251.228

 100, 20.492,
251.228

 54, 20.492,
251.228


 84, 20.492,
251.228

 44, 20.492,
251.228

 94, 20.492,
251.228

 34, 20.492,
251.228

 24, 20.492,
251.228

 14, 20.492,
251.228

 4, 20.492, 251.228

 0, 20.492, 251.228

64, 20.492,
251.228

64, 20.492,
251.228

61, 25.515,
253.549

67, 15.216,
249.314

58, 30.265,
256.354

71, 9.726, 247.747

74, 4.061, 246.498

55, 34.746,
259.705

78, 1.740, 65.070

52, 39.002,
263.633

81, 7.640, 64.345

49, 43.121,
268.104

85, 13.607, 63.604

88, 19.616, 62.964

46, 47.243,
272.963

91, 21.505, 73.381

46, 48.519,
274.367

93, 23.370, 84.742

Harmonies

Complementary

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



64, 20.492, 251.228



64, 24.086, 61.787

Rectangle

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



64, 20.492, 251.228



64, 20.492, 301.228



64, 20.492, 71.228



64, 20.492, 121.228

Sweetspot

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



64, 20.491, 251.226



92, 7.815, 246.976



71, 34.409, 155.288



48, 5.240, 247.145



98, 0.011, 296.813



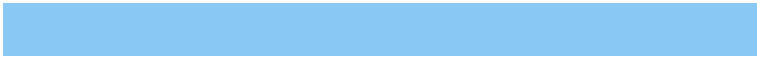
51, 0.007, 296.813

Same Dimension

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



64, 20.491, 251.226



78, 29.588, 252.972



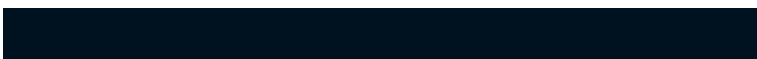
55, 36.248, 290.925



38, 3.266, 246.757



38, 42.015, 273.630



5, 10.609, 260.286

Inverse Universe

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



59, 34.939, 342.497



71, 50.895, 343.335



73, 33.700, 101.890



37, 5.282, 339.977



34, 60.890, 353.714



3, 14.717, 346.525

Previews

White Background



This preview shows how the CIELCh color 64, 20.492, 251.228 looks on a white background.

Color Contrast Check

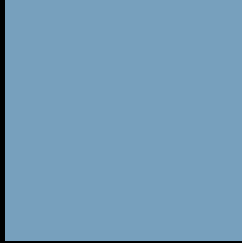
Large Text (above 18pt) WCAG AA × Fail

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, 20.492, 251.228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

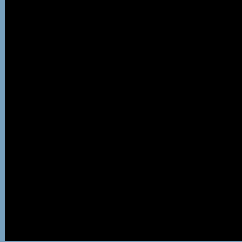
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

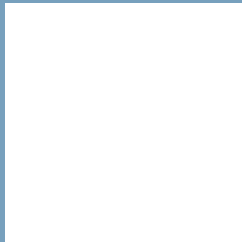
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 20.492, 251.228

Background



This preview shows how black text looks on a background with the CIELCh color 64, 20.492, 251.228.



This preview shows how white text looks on a background with the CIELCh color 64, 20.492, 251.228.

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, 20.492, 251.228

Protanopia

64, 17.357, 286.242

Deuteranopia

64, 22.359, 292.541



Tritanopia
64, 17.042, 225.719

Trichromacy



Original Color
64, 20.492, 251.228

Protanomaly
64, 17.631, 271.536

Deuteranomaly
64, 20.569, 278.051

Tritanomaly
64, 17.994, 237.026

Monochromacy



Original Color
64, 20.492, 251.228

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 8.116, 248.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 20.492, 251.228 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(119, 160, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 160, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 20.492, 251.228 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, 189) }
```

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

```
.border{ border-color:rgb(119, 160, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 160, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 160, 189); box-shadow:4px 4px 4px 4px rgb(119, 160, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 20.492, 251.228 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, 189) }
```

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

```
.background{ background-color: rgb(119,  
160, 189) }
```

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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