

Converting Colors

CIELCh(64, 21.479, 248.155)

Have a look what the booklet for
CIELCh(64, 21.479, 248.155)
contains.

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Color

CIELCh(64, 21.382, 248.101)

Conversions

Conversions Part 1

Format	Color
Hex	73A1BE
RGB	115, 161, 190
RGB Percent	45%, 63%, 75%
CMY	0.5494, 0.3690, 0.2553
CMYK	0.39, 0.15, 0.00, 0.26
HSL	203°, 37%, 60%
HSV	203°, 39%, 74%
XYZ	29.0635, 32.8017, 53.4496
YIQ	150.5520, -36.7250, -0.7330

Conversions

Conversions Part 2

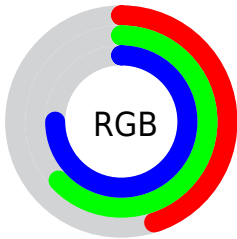
Format	Color
R _Y B	115, 144, 190
Decimal	7578046
CIE Lab	64.00, -7.97, -19.84
CIE LCh	64, 21.382, 248.101
Yxy	32.8017, 0.2520, 0.2845
Android (android.graphics.Color)	4285768126 (0xFF73A1BE)
YUV	150.5520, 19.4479, -31.1791
Hunter-Lab	57.2727, -9.6460, -15.2413

Details

The CIELCh color **64, 21.382, 248.101** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **63, 25.950, 58.581**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 21.305, 246.979**, and **44, 21.447, 247.695** is the 20% darker color. If you saturate the color by 10%, you get **61, 26.143, 250.452**, and if you desaturate by 10%, it is **67, 16.314, 246.176**.

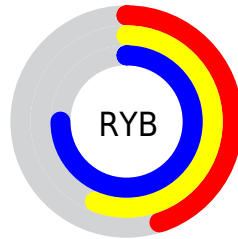
Distribution



Red (45%)

Green (63%)

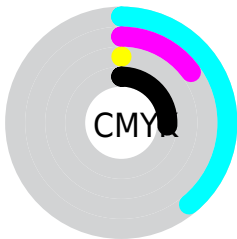
Blue (75%)



Red (45%)

Yellow (56%)

Blue (75%)

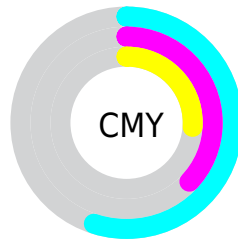


Cyan (39%)

Magenta (15%)

Yellow (0%)

Black (26%)



Cyan (55%)


Magenta (37%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 21.382, 248.101 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, 21.382, 248.101 by changing the saturation by 10% instead.


 64, 21.382,
248.101


 64, 21.382,
248.101


 100, 21.382,
248.101


 54, 21.382,
248.101


 84, 21.382,
248.101

 44, 21.382,
248.101

 94, 21.382,
248.101

 34, 21.382,
248.101

 24, 21.382,
248.101

 14, 21.382,
248.101

 4, 21.382, 248.101

 0, 21.382, 248.101

64, 21.382,
248.101

64, 21.382,
248.101

61, 26.143,
250.452

67, 16.314,
246.176

58, 30.574,
253.313

70, 10.983,
244.612

55, 34.680,
256.747

74, 5.434, 243.361

52, 38.511,
260.789

77, 0.288, 60.705

81, 6.140, 61.270

50, 42.168,
265.399

84, 12.085, 60.574

48, 45.830,
270.325

87, 18.093, 59.973

90, 20.718, 67.582

47, 46.023,
270.564

92, 22.038, 79.198

Harmonies

Complementary

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



64, 21.382, 248.101



63, 25.950, 58.581

Rectangle

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



64, 21.382, 248.101



64, 21.382, 298.101



64, 21.382, 68.101



64, 21.382, 118.101

Sweetspot

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



64, 21.381, 248.099



92, 8.479, 243.668



71, 37.242, 154.269



49, 5.659, 243.827



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



64, 21.381, 248.099



78, 30.910, 250.011



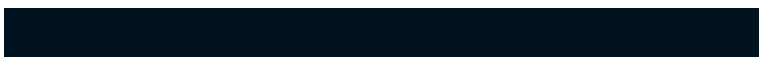
54, 38.235, 290.630



38, 3.228, 243.346



40, 39.768, 269.796



5, 10.336, 257.117

Inverse Universe

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



58, 38.005, 341.333



70, 55.521, 342.215



73, 35.471, 100.728



37, 5.386, 338.666



34, 61.648, 351.371



3, 15.010, 344.880

Previews

White Background



This preview shows how the CIE LCh color 64, 21.382, 248.101 looks on a white background.

Color Contrast Check

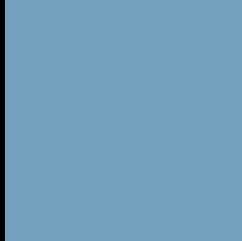
Large Text (above 18pt) WCAG AA × Fail

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, 21.382, 248.101 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

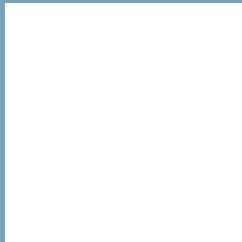
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 21.382, 248.101

Background



This preview shows how black text looks on a background with the CIELCh color 64, 21.382, 248.101.



This preview shows how white text looks on a background with the CIELCh color 64, 21.382, 248.101.

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, 21.382, 248.101

Protanopia

64, 17.910, 286.495

Deuteranopia

64, 22.915, 292.597



Tritanopia
64, 18.455, 221.398

Trichromacy



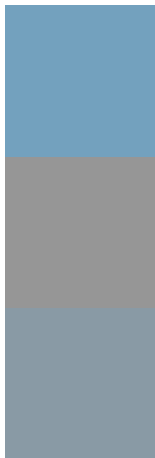
Original Color
64, 21.382, 248.101

Protanomaly
64, 18.355, 270.313

Deuteranomaly
64, 20.695, 276.264

Tritanomaly
64, 19.124, 232.171

Monochromacy



Original Color
64, 21.382, 248.101

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 8.589, 245.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 21.382, 248.101 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(115, 161, 190)` looks like.

```
.text, #text, p{  
    color:rgb(115, 161, 190)  
}
```

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(115, 161, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 161, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 21.382, 248.101 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(115, 161, 190) }
```

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

```
.border{ border-color:rgb(115, 161, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 161, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 161, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 161, 190);  
box-shadow:4px 4px 4px 4px rgb(115, 161,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 21.382, 248.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 161, 190) }
```

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

```
.background{ background-color: rgb(115,  
161, 190) }
```

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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