

Converting Colors

CIELCh(64, 22.352, 251.283)

Have a look what the booklet for
CIELCh(64, 22.352, 251.283)
contains.

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Color

CIELCh(64, 22.134, 250.371)

Conversions

Conversions Part 1

Format	Color
Hex	73A1C0
RGB	115, 161, 192
RGB Percent	45%, 63%, 75%
CMY	0.5502, 0.3698, 0.2483
CMYK	0.40, 0.16, 0.00, 0.25
HSL	204°, 38%, 60%
HSV	204°, 40%, 75%
XYZ	29.2034, 32.8017, 54.4813
YIQ	150.7800, -37.3670, -0.1110

Conversions

Conversions Part 2

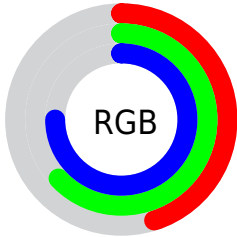
Format	Color
R_{YB}	115, 144, 192
Decimal	7578048
CIE _{Lab}	64.00, -7.44, -20.85
CIE _{LCh}	64, 22.134, 250.371
Yxy	32.8017, 0.2507, 0.2816
Android (android.graphics.Color)	4285768128 (0xFF73A1C0)
YUV	150.7800, 20.3215, -31.3791
Hunter-Lab	57.2727, -9.2101, -16.3093

Details

The CIELCh color `64, 22.134, 250.371` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `64, 26.664, 60.216`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 21.834, 249.697`, and `44, 21.824, 249.006` is the 20% darker color. If you saturate the color by 10%, you get `61, 27.030, 252.808`, and if you desaturate by 10%, it is `67, 16.953, 248.366`.

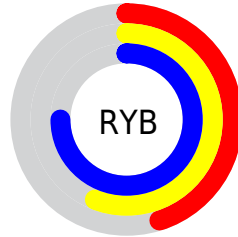
Distribution



Red (45%)

Green (63%)

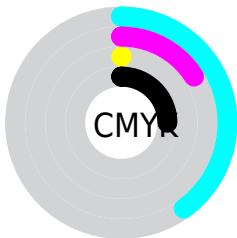
Blue (75%)



Red (45%)

Yellow (56%)

Blue (75%)

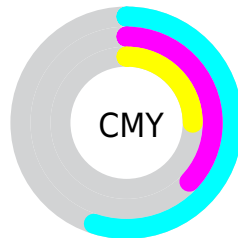


Cyan (40%)

Magenta (16%)

Yellow (0%)

Black (25%)



Cyan (55%)


Magenta (37%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 22.134, 250.371 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, 22.134, 250.371 by changing the saturation by 10% instead.


 64, 22.134,
250.371


 64, 22.134,
250.371


 100, 22.134,
250.371


 54, 22.134,
250.371


 84, 22.134,
250.371

 44, 22.134,
250.371

 94, 22.134,
250.371

 34, 22.134,
250.371

 24, 22.134,
250.371

 14, 22.134,
250.371

 4, 22.134, 250.371

 0, 22.134, 250.371

64, 22.134,
250.371

64, 22.134,
250.371

61, 27.030,
252.808

67, 16.953,
248.366

58, 31.624,
255.757

71, 11.526,
246.728

55, 35.929,
259.275

74, 5.894, 245.405

52, 40.000,
263.382

78, 0.101, 248.442

81, 5.813, 63.204

49, 43.945,
268.025

85, 11.813, 62.462

47, 47.878,
272.831

88, 17.869, 61.816

91, 20.351, 70.771

92, 22.019, 82.823

Harmonies

Complementary

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



64, 22.134, 250.371



64, 26.664, 60.216

Rectangle

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



64, 22.134, 250.371



64, 22.134, 300.371



64, 22.134, 70.371



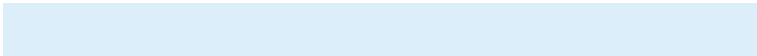
64, 22.134, 120.371

Sweetspot

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



64, 22.133, 250.369



93, 8.608, 245.648



72, 37.631, 154.917



49, 5.698, 245.813



99, 0.012, 296.813



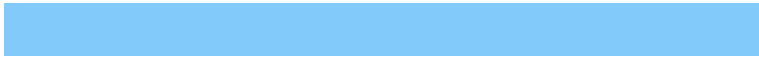
52, 0.007, 296.813

Same Dimension

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



64, 22.133, 250.369



78, 32.184, 252.441



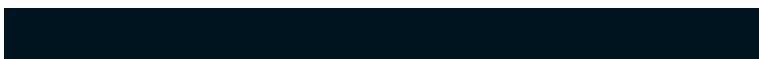
53, 40.013, 291.519



39, 3.321, 245.315



39, 41.563, 272.108



5, 11.550, 259.605

Inverse Universe

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



58, 38.538, 342.217



70, 56.526, 343.178



74, 36.893, 101.550



38, 5.445, 339.414



35, 61.909, 352.748



3, 16.838, 346.416

Previews

White Background



This preview shows how the CIELCh color 64, 22.134, 250.371 looks on a white background.

Color Contrast Check

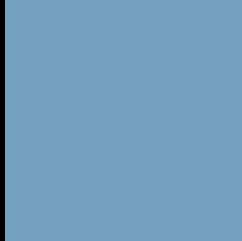
Large Text (above 18pt) WCAG AA × Fail

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, 22.134, 250.371 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

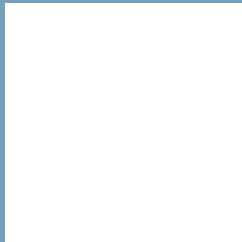
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 22.134, 250.371

Background



This preview shows how black text looks on a background with the CIELCh color 64, 22.134, 250.371.

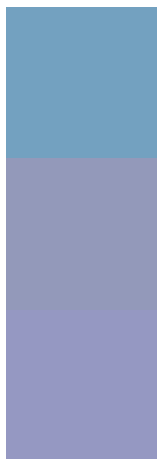


This preview shows how white text looks on a background with the CIELCh color 64, 22.134, 250.371.

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, 22.134, 250.371

Protanopia

64, 18.492, 285.675

Deuteranopia

64, 23.449, 290.158



Tritanopia
64, 18.455, 221.398

Trichromacy



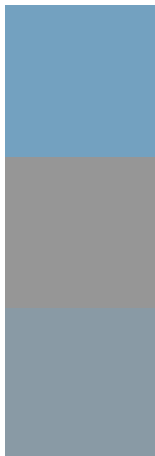
Original Color
64, 22.134, 250.371

Protanomaly
64, 18.971, 270.125

Deuteranomaly
64, 21.831, 276.451

Tritanomaly
64, 19.372, 233.710

Monochromacy



Original Color
64, 22.134, 250.371

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, 22.134, 250.371 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(115, 161, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 161, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 22.134, 250.371 is called "border". The border property can be set on classes, ids or directly on the HTML element.

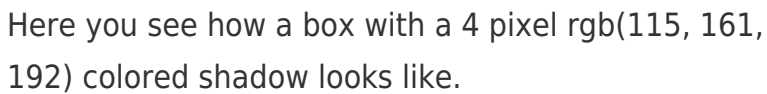
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 161, 192) }
```

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

```
.border{ border-color:rgb(115, 161, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 161, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 161, 192); box-shadow:4px 4px 4px 4px rgb(115, 161, 192) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 22.134, 250.371 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, 192) }
```

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

```
.background{ background-color: rgb(115,  
161, 192) }
```

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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