

Converting Colors

CIELCh(64, 13.311, 226.027)

Have a look what the booklet for
CIELCh(64, 13.311, 226.027)
contains.

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Color

CIELCh(64, 13.442, 225.796)

Conversions

Conversions Part 1

Format	Color
Hex	7EA1AC
RGB	126, 161, 172
RGB Percent	49%, 63%, 67%
CMY	0.5067, 0.3695, 0.3264
CMYK	0.27, 0.06, 0.00, 0.33
HSL	194°, 22%, 58%
HSV	194°, 27%, 67%
XYZ	28.7034, 32.8017, 43.7360
YIQ	151.7890, -24.3910, -3.9990

Conversions

Conversions Part 2

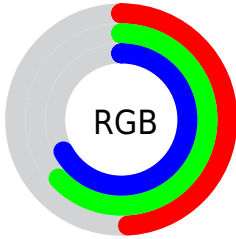
Format	Color
RYB	126, 146, 172
Decimal	8298924
CIELab	64.00, -9.37, -9.64
CIElCh	64, 13.442, 225.796
Yxy	32.8017, 0.2727, 0.3117
Android (android.graphics.Color)	4286489004 (0xFF7EA1AC)
YUV	151.7890, 9.9640, -22.6170
Hunter-Lab	57.2727, -10.7683, -5.1855

Details

The CIELCh color $64, 13.442, 225.796$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $60, 15.976, 43.277$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 13.288, 224.673$, and $44, 13.566, 227.514$ is the 20% darker color. If you saturate the color by 10%, you get $62, 17.825, 226.812$, and if you desaturate by 10%, it is $66, 8.673, 225.031$.

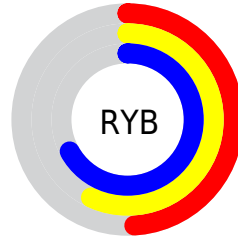
Distribution



Red (49%)

Green (63%)

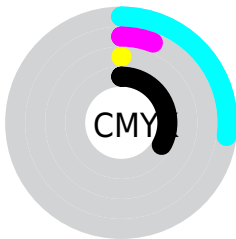
Blue (67%)



Red (49%)

Yellow (57%)

Blue (67%)

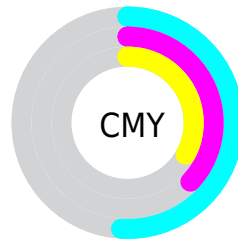


Cyan (27%)

Magenta (6%)

Yellow (0%)

Black (33%)



Cyan (51%)

Magenta (37%)

Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 13.442, 225.796 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, 13.442, 225.796 by changing the saturation by 10% instead.

 64, 13.442,
225.796


 64, 13.442,
225.796

 100, 13.442,
225.796


 54, 13.442,
225.796


 84, 13.442,
225.796

 44, 13.442,
225.796

 94, 13.442,
225.796

 34, 13.442,
225.796

 24, 13.442,
225.796

 14, 13.442,
225.796

 4, 13.442, 225.796

 0, 13.442, 225.796

64, 13.442,
225.796

64, 13.442,
225.796

62, 17.825,
226.812

66, 8.673, 225.031

60, 21.750,
228.153

69, 3.590, 224.529

58, 25.150,
229.888

71, 1.740, 43.699

56, 27.979,
232.102

74, 7.261, 43.603

54, 30.223,
234.883

76, 12.924, 43.423

53, 31.921,
238.304

79, 18.688, 43.299

51, 33.195,
242.362

81, 24.521, 43.225

51, 33.597,

83, 27.297, 45.657

84, 26.868, 50.937

243.696

Harmonies

Complementary

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



64, 13.442, 225.796



60, 15.976, 43.277

Rectangle

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



64, 13.442, 225.796



64, 13.442, 275.796



64, 13.442, 45.796



64, 13.442, 95.796

Sweetspot

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



64, 13.442, 225.791



87, 5.252, 224.576



66, 26.306, 149.735



46, 3.715, 224.637



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 13.442, 225.791



80, 19.577, 226.348



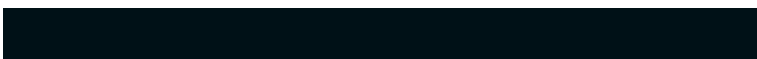
58, 19.532, 279.897



35, 3.006, 224.624



45, 30.402, 243.165



4, 6.389, 234.040

Inverse Universe

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



58, 26.356, 333.686



72, 39.093, 334.100



66, 19.264, 92.852



34, 5.579, 332.491



33, 65.065, 340.383



2, 11.047, 335.098

Previews

White Background



This preview shows how the CIELCh color 64, 13.442, 225.796 looks on a white background.

Color Contrast Check

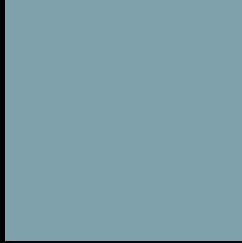
Large Text (above 18pt) WCAG AA × Fail

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, 13.442, 225.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

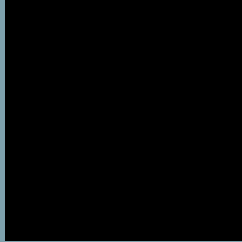
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 13.442, 225.796

Background



This preview shows how black text looks on a background with the CIELCh color 64, 13.442, 225.796.



This preview shows how white text looks on a background with the CIELCh color 64, 13.442, 225.796.

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





Tritanopia
64, 13.653, 228.021

Trichromacy



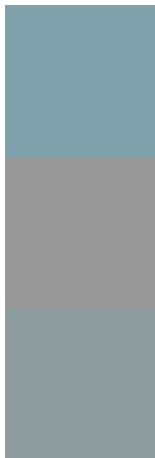
Original Color
64, 13.442, 225.796

Protanomaly
64, 8.365, 259.594

Deuteranomaly
64, 10.297, 277.047

Tritanomaly
64, 13.653, 228.021

Monochromacy



Original Color
64, 13.442, 225.796

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 5.279, 224.212

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 13.442, 225.796 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(126, 161, 172)` looks like.

```
.text, #text, p{  
    color:rgb(126, 161, 172)  
}
```

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(126, 161, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 161, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 13.442, 225.796 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(126, 161, 172) }
```

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

```
.border{ border-color:rgb(126, 161, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 161, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 161, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 161, 172);  
box-shadow:4px 4px 4px 4px rgb(126, 161,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 13.442, 225.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 161, 172) }
```

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

```
.background{ background-color: rgb(126,  
161, 172) }
```

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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