

Converting Colors

CIELCh(64, 11.045, 197.393)

Have a look what the booklet for
CIELCh(64, 11.045, 197.393)
contains.

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Color

CIELCh(64, 11.224, 198.453)

Conversions

Conversions Part 1

Format	Color
Hex	82A1A1
RGB	130, 161, 161
RGB Percent	51%, 63%, 63%
CMY	0.4903, 0.3687, 0.3687
CMYK	0.19, 0.00, 0.00, 0.37
HSL	180°, 14%, 57%
HSV	180°, 19%, 63%
XYZ	28.3774, 32.8017, 38.5469
YIQ	151.7310, -18.4760, -6.5720

Conversions

Conversions Part 2

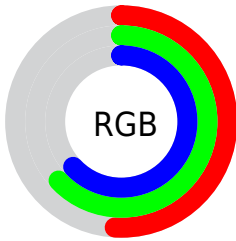
Format	Color
R_{YB}	130, 146, 161
Decimal	8561057
CIE _{Lab}	64.00, -10.65, -3.55
CIE _{LCh}	64, 11.224, 198.453
Yxy	32.8017, 0.2846, 0.3289
Android (android.graphics.Color)	4286751137 (0xFF82A1A1)
YUV	151.7310, 4.5696, -19.0581
Hunter-Lab	57.2727, -11.7845, 0.1863

Details

The CIELCh color **64, 11.224, 198.453** is a light color, and the websafe version is hex **669999**. A complement of this color would be **57, 12.699, 20.722**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 11.436, 198.640**, and **44, 10.985, 201.315** is the 20% darker color. If you saturate the color by 10%, you get **63, 16.483, 197.978**, and if you desaturate by 10%, it is **65, 5.548, 198.989**.

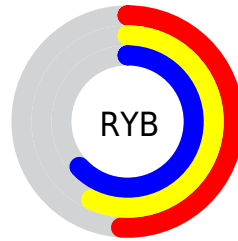
Distribution



Red (51%)

Green (63%)

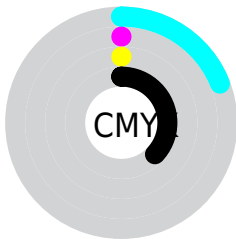
Blue (63%)



Red (51%)

Yellow (57%)

Blue (63%)

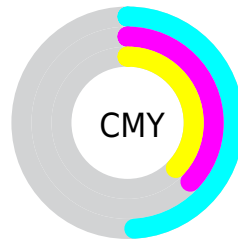


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (37%)



Cyan (49%)


Magenta (37%)

Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 11.224, 198.453 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, 11.224, 198.453 by changing the saturation by 10% instead.

 64, 11.224,
198.453


 64, 11.224,
198.453


 100, 11.224,
198.453


 54, 11.224,
198.453


 84, 11.224,
198.453

 44, 11.224,
198.453

 94, 11.224,
198.453

 34, 11.224,
198.453

 24, 11.224,
198.453

 14, 11.224,
198.453

 4, 11.224, 198.453

 0, 11.224, 198.453

64, 11.224,
198.453

64, 11.224,
198.453

63, 16.483,
197.978

65, 5.548, 198.989

62, 21.226,
197.567

66, 0.456, 18.411

68, 6.702, 19.936

62, 25.365,
197.215

69, 13.116, 20.558

61, 28.824,
196.926

71, 19.637, 21.173

72, 26.213, 21.791

61, 31.550,
196.701

74, 32.806, 22.410

60, 33.528,
196.539

76, 37.844, 22.882

76, 37.844, 22.881

60, 34.784,
196.437

60, 35.484,

196.380

■ 60, 35.531,
196.376

Harmonies

Complementary

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



64, 11.224, 198.453



57, 12.699, 20.722

Rectangle

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



64, 11.224, 198.453



64, 11.224, 248.453



64, 11.224, 18.453



64, 11.224, 68.453

Sweetspot

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



64, 11.225, 198.447



83, 4.482, 199.197



63, 21.052, 142.833



44, 2.963, 199.154



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 11.225, 198.447



81, 16.366, 198.244



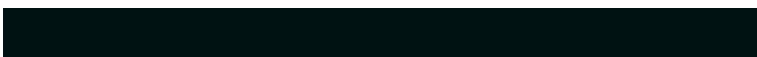
60, 10.114, 256.255



34, 3.428, 198.988



54, 32.968, 196.376



4, 5.463, 199.414

Inverse Universe

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



57, 12.699, 20.722



71, 19.067, 21.119



61, 10.682, 71.290



32, 3.629, 19.897



30, 68.061, 39.262



1, 5.464, 19.400

Previews

White Background



This preview shows how the CIELCh color 64, 11.224, 198.453 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, 11.224, 198.453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

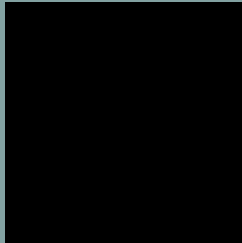
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

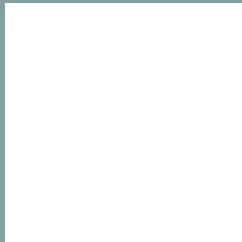
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 11.224, 198.453

Background



This preview shows how black text looks on a background with the CIELCh color 64, 11.224, 198.453.

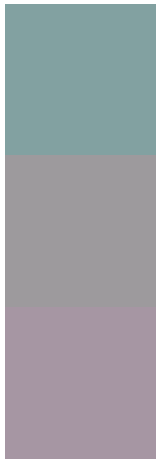


This preview shows how white text looks on a background with the CIELCh color 64, 11.224, 198.453.

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, 11.224, 198.453

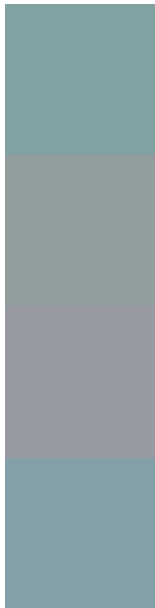
Protanopia
64, 2.045, 324.439

Deuteranopia
64, 9.510, 330.650



Tritanopia
64, 11.765, 237.004

Trichromacy



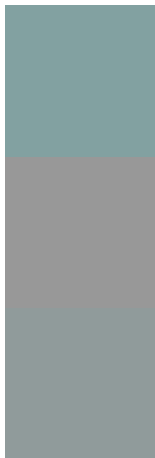
Original Color
64, 11.224, 198.453

Protanomaly
64, 3.787, 207.670

Deuteranomaly
64, 4.478, 285.870

Tritanomaly
64, 11.106, 222.418

Monochromacy



Original Color
64, 11.224, 198.453

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 4.145, 199.135

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 11.224, 198.453 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(130, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(130, 161, 161)  
}
```

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(130, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 161, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 11.224, 198.453 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(130, 161, 161) }
```

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

```
.border{ border-color:rgb(130, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(130, 161,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 11.224, 198.453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 161, 161) }
```

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

```
.background{ background-color: rgb(130,  
161, 161) }
```

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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