

Converting Colors

CIELCh(64, 23.497, 175.182)

Have a look what the booklet for
CIELCh(64, 23.497, 175.182)
contains.

CIELCh(64, 23.545, 175.041)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(64, 23.545, 175.041)

Conversions

Conversions Part 1

Format	Color
Hex	6AA797
RGB	106, 167, 151
RGB Percent	42%, 65%, 59%
CMY	0.5854, 0.3462, 0.4090
CMYK	0.37, 0.00, 0.10, 0.35
HSL	164°, 26%, 53%
HSV	164°, 37%, 65%
XYZ	25.2376, 32.8017, 34.1576
YIQ	146.9370, -31.2200, -17.9080

Conversions

Conversions Part 2

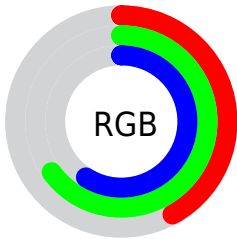
Format	Color
RYB	106, 141, 167
Decimal	6989719
CIELab	64.00, -23.46, 2.04
CIElCh	64, 23.545, 175.041
Yxy	32.8017, 0.2737, 0.3558
Android (android.graphics.Color)	4285179799 (0xFF6AA797)
YUV	146.9370, 2.0031, -35.9017
Hunter-Lab	57.2727, -21.5703, 4.7302

Details

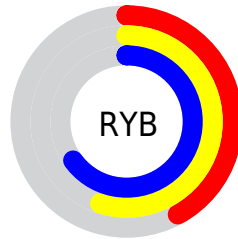
The CIELCh color **64, 23.545, 175.041** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **52, 26.642, 2.891**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 23.264, 175.056**, and **44, 23.855, 174.526** is the 20% darker color. If you saturate the color by 10%, you get **63, 29.195, 173.860**, and if you desaturate by 10%, it is **65, 17.464, 176.125**.

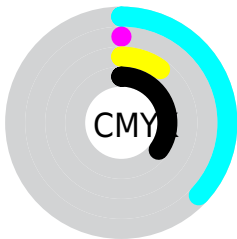
Distribution



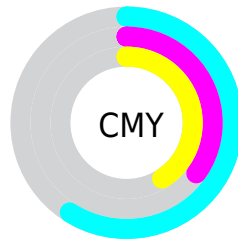
- Red (42%)
- Green (65%)
- Blue (59%)



- Red (42%)
- Yellow (55%)
- Blue (65%)



- Cyan (37%)
- Magenta (0%)
- Yellow (10%)
- Black (35%)





- Cyan (59%)
- Magenta (35%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 23.545, 175.041 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, 23.545, 175.041 by changing the saturation by 10% instead.

 64, 23.545,
175.041


 64, 23.545,
175.041


 100, 23.545,
175.041


 54, 23.545,
175.041


 84, 23.545,
175.041

 44, 23.545,
175.041

 94, 23.545,
175.041

 34, 23.545,
175.041

 24, 23.545,
175.041

 14, 23.545,
175.041

 4, 23.545, 175.041

 0, 23.545, 175.041

64, 23.545,
175.041

64, 23.545,
175.041

63, 29.195,
173.860

65, 17.464,
176.125

62, 34.305,
172.567

66, 11.059,
177.142

62, 38.783,
171.136

67, 4.435, 178.137

61, 42.567,
169.545

69, 2.319, 358.741

70, 9.125, 359.718

61, 45.642,
167.773

72, 15.923, 0.539

61, 48.074,
165.827

74, 22.666, 1.314

76, 29.321, 2.055

61, 48.854,
165.171

78, 35.593, 2.570

Harmonies

Complementary

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



64, 23.545, 175.041



52, 26.642, 2.891

Rectangle

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



64, 23.545, 175.041



64, 23.545, 225.041



64, 23.545, 355.041



64, 23.545, 45.041

Sweetspot

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



64, 23.546, 175.039



85, 9.135, 177.672



64, 37.940, 134.958



45, 6.179, 177.545



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 23.546, 175.039



80, 34.319, 174.078



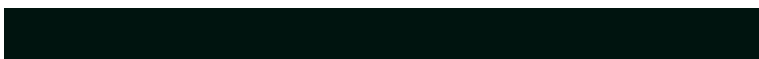
60, 17.345, 225.974



35, 3.832, 177.861



54, 44.597, 165.394



5, 7.341, 173.707

Inverse Universe

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



52, 26.642, 2.891



62, 39.988, 4.299



55, 22.226, 42.613



33, 3.948, 359.435



30, 59.168, 23.335



1, 6.945, 1.308

Previews

White Background



This preview shows how the CIELCh color 64, 23.545, 175.041 looks on a white background.

Color Contrast Check

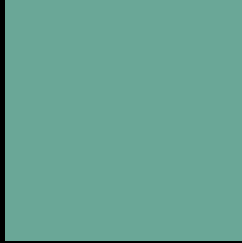
Large Text (above 18pt) WCAG AA × Fail

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, 23.545, 175.041 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, 23.545, 175.041

Background



This preview shows how black text looks on a background with the CIELCh color 64, 23.545, 175.041.

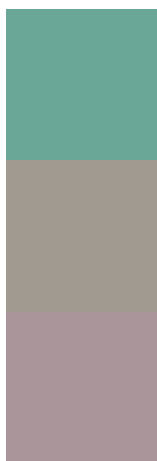


This preview shows how white text looks on a background with the CIELCh color 64, 23.545, 175.041.

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, 23.545, 175.041

Protanopia

64, 6.030, 86.377

Deuteranopia

64, 8.288, 0.594



Tritanopia
64, 18.191, 221.775

Trichromacy



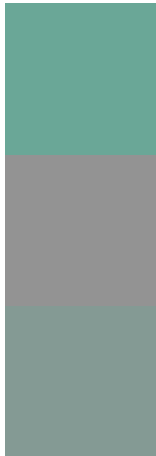
Original Color
64, 23.545, 175.041

Protanomaly
64, 10.342, 154.112

Deuteranomaly
63, 3.613, 181.178

Tritanomaly
64, 18.411, 203.125

Monochromacy



Original Color
64, 23.545, 175.041

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 9.008, 176.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 23.545, 175.041 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(106, 167, 151)` looks like.

```
.text, #text, p{  
    color:rgb(106, 167, 151)  
}
```

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(106, 167, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 167, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 23.545, 175.041 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(106, 167, 151) }
```

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

```
.border{ border-color:rgb(106, 167, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 167, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 167, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 167, 151);  
box-shadow:4px 4px 4px 4px rgb(106, 167,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 23.545, 175.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 167, 151) }
```

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

```
.background{ background-color: rgb(106,  
167, 151) }
```

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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