

Converting Colors

CIELCh(62, 24.785, 173.376)

Have a look what the booklet for
CIELCh(62, 24.785, 173.376)
contains.

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Color

CIELCh(62, 25.016, 173.322)

Conversions

Conversions Part 1

Format	Color
Hex	62A290
RGB	98, 162, 144
RGB Percent	38%, 64%, 56%
CMY	0.6161, 0.3651, 0.4357
CMYK	0.40, 0.00, 0.11, 0.37
HSL	163°, 26%, 51%
HSV	163°, 40%, 63%
XYZ	22.9519, 30.4025, 31.0011
YIQ	140.8120, -32.3660, -19.1660

Conversions

Conversions Part 2

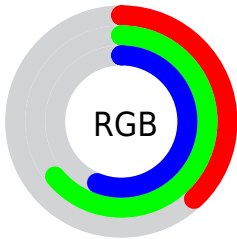
Format	Color
RYB	98, 135, 162
Decimal	6464144
CIELab	62.00, -24.85, 2.91
CIElCh	62, 25.016, 173.322
Yxy	30.4025, 0.2721, 0.3604
Android (android.graphics.Color)	4284654224 (0xFF62A290)
YUV	140.8120, 1.5717, -37.5461
Hunter-Lab	55.1385, -22.1900, 5.2617

Details

The CIELCh color **62, 25.016, 173.322** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **49, 28.342, 1.966**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 24.992, 173.806**, and **42, 24.893, 173.600** is the 20% darker color. If you saturate the color by 10%, you get **61, 30.510, 172.093**, and if you desaturate by 10%, it is **63, 19.082, 174.444**.

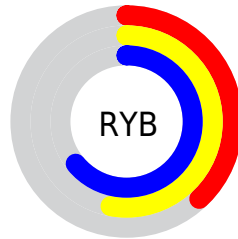
Distribution



Red (38%)

Green (64%)

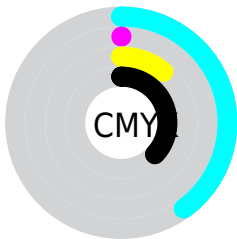
Blue (56%)



Red (38%)

Yellow (53%)

Blue (64%)

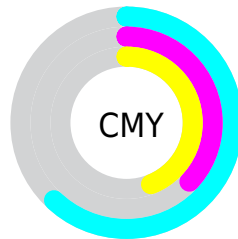


Cyan (40%)

Magenta (0%)

Yellow (11%)

Black (37%)



Cyan (62%)


Magenta (37%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 25.016, 173.322 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 62, 25.016, 173.322 by changing the saturation by 10% instead.


 62, 25.016,
173.322


 62, 25.016,
173.322


 100, 25.016,
173.322


 52, 25.016,
173.322


 82, 25.016,
173.322

 42, 25.016,
173.322


 92, 25.016,
173.322

 32, 25.016,
173.322

 22, 25.016,
173.322

 12, 25.016,
173.322

 2, 25.016, 173.322

 0, 25.016, 173.322

■ 62, 25.016,
173.322

■ 62, 25.016,
173.322

■ 61, 30.510,
172.093

■ 63, 19.082,
174.444

■ 61, 35.460,
170.739

■ 64, 12.815,
175.486

■ 60, 39.782,
169.234

■ 65, 6.318, 176.479

■ 60, 43.423,
167.557

■ 67, 0.317, 356.008

■ 68, 7.012, 358.104

■ 59, 46.382,
165.692

■ 70, 13.704,
358.940

■ 59, 48.820,
163.703

■ 71, 20.345,
359.720

■ 59, 48.933,
163.613

■ 73, 26.899, 0.462

■ 75, 33.342, 1.173

Harmonies

Complementary

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



62, 25.016, 173.322



49, 28.342, 1.966

Rectangle

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



62, 25.016, 173.322



62, 25.016, 223.322



62, 25.016, 353.322



62, 25.016, 43.322

Sweetspot

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



62, 25.017, 173.320



83, 9.871, 176.212



62, 39.759, 134.306



44, 6.592, 176.091



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 25.017, 173.320



78, 36.185, 172.301



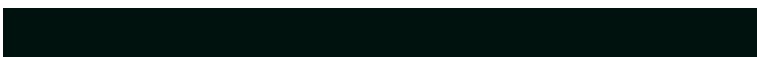
58, 18.168, 223.947



34, 3.775, 176.505



53, 45.072, 163.823



4, 6.117, 173.443

Inverse Universe

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



49, 28.342, 1.966



59, 42.122, 3.461



52, 23.931, 40.996



32, 3.882, 358.075



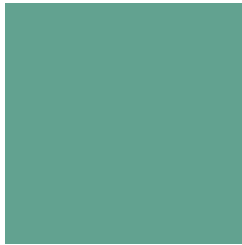
30, 57.829, 21.586



1, 5.852, 359.168

Previews

White Background



This preview shows how the CIELCh color 62, 25.016, 173.322 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 62, 25.016, 173.322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

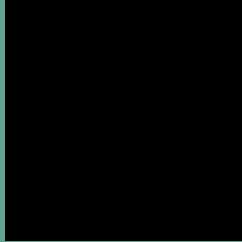
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 25.016, 173.322

Background



This preview shows how black text looks on a background with the CIELCh color 62, 25.016, 173.322.



This preview shows how white text looks on a background with the CIELCh color 62, 25.016, 173.322.

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
62, 25.016, 173.322

Protanopia
62, 7.115, 89.686

Deuteranopia
62, 8.185, 4.341



Tritanopia
62, 18.738, 221.125

Trichromacy



Original Color
62, 25.016, 173.322

Protanomaly
62, 11.084, 153.400

Deuteranomaly
61, 4.801, 171.141

Tritanomaly
62, 19.347, 201.094

Monochromacy



Original Color
62, 25.016, 173.322

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 9.981, 175.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 25.016, 173.322 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(98, 162, 144)` looks like.

```
.text, #text, p{  
    color:rgb(98, 162, 144)  
}
```

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(98, 162, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 162, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 25.016, 173.322 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(98, 162, 144) }
```

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

```
.border{ border-color:rgb(98, 162, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 162, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 162, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 162, 144);  
box-shadow:4px 4px 4px 4px rgb(98, 162,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 25.016, 173.322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 162, 144) }
```

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

```
.background{ background-color: rgb(98, 162,  
144) }
```

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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