

Converting Colors

CIELCh(62, 23.303, 201.993)

Have a look what the booklet for
CIELCh(62, 23.303, 201.993)
contains.

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Color

CIELCh(62, 23.334, 201.603)

Conversions

Conversions Part 1

Format	Color
Hex	59A1A4
RGB	89, 161, 164
RGB Percent	35%, 63%, 64%
CMY	0.6500, 0.3676, 0.3559
CMYK	0.46, 0.02, 0.00, 0.36
HSL	182°, 30%, 50%
HSV	182°, 46%, 64%
XYZ	23.6559, 30.4025, 39.8611
YIQ	139.8140, -43.8750, -14.3310

Conversions

Conversions Part 2

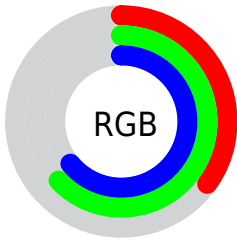
Format	Color
R_{YB}	89, 126, 164
Decimal	5874084
CIE _{Lab}	62.00, -21.69, -8.59
CIE _{LCh}	62, 23.334, 201.603
Yxy	30.4025, 0.2519, 0.3237
Android (android.graphics.Color)	4284064164 (0xFF59A1A4)
YUV	139.8140, 11.9237, -44.5639
Hunter-Lab	55.1385, -19.9110, -4.2654

Details

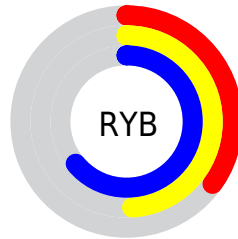
The CIELCh color **62, 23.334, 201.603** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **47, 32.513, 26.802**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 23.247, 201.770**, and **42, 23.374, 201.303** is the 20% darker color. If you saturate the color by 10%, you get **61, 26.922, 201.553**, and if you desaturate by 10%, it is **63, 19.094, 201.752**.

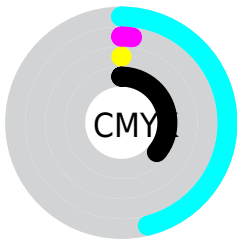
Distribution



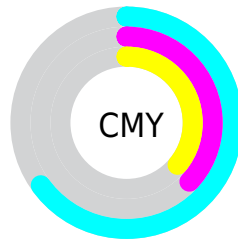
- Red (35%)
- Green (63%)
- Blue (64%)



- Red (35%)
- Yellow (49%)
- Blue (64%)



- Cyan (46%)
- Magenta (2%)
- Yellow (0%)
- Black (36%)





- Cyan (65%)
- Magenta (37%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 23.334, 201.603 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, 23.334, 201.603 by changing the saturation by 10% instead.


 62, 23.334,
201.603


 62, 23.334,
201.603


 100, 23.334,
201.603


 52, 23.334,
201.603


 82, 23.334,
201.603

 42, 23.334,
201.603

 92, 23.334,
201.603

 32, 23.334,
201.603

 22, 23.334,
201.603

 12, 23.334,
201.603

 2, 23.334, 201.603

 0, 23.334, 201.603

62, 23.334,
201.603

62, 23.334,
201.603

61, 26.922,
201.553

63, 19.094,
201.752

60, 29.791,
201.622

64, 14.286,
201.996

60, 31.907,
201.820

65, 9.004, 202.325

59, 33.276,
202.156

67, 3.340, 202.785

68, 2.619, 22.878

59, 33.962,
202.633

70, 8.795, 23.463

59, 34.168,
202.859

71, 15.121, 23.970

73, 21.544, 24.483

75, 28.018, 25.004

Harmonies

Complementary

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



62, 23.334, 201.603



47, 32.513, 26.802

Rectangle

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



62, 23.334, 201.603



62, 23.334, 251.603



62, 23.334, 21.603



62, 23.334, 71.603

Sweetspot

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



62, 23.334, 201.601



83, 10.033, 202.378



61, 49.265, 141.767



44, 6.873, 202.300



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, 23.334, 201.601



78, 32.949, 201.553



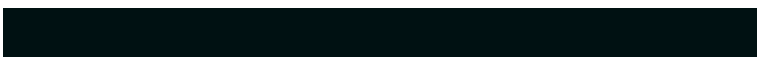
51, 25.269, 267.114



34, 3.293, 202.591



53, 31.254, 202.789



4, 5.186, 204.070

Inverse Universe

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



49, 48.864, 327.977



59, 71.368, 328.468



56, 27.974, 73.126



32, 6.099, 326.010



34, 73.721, 329.855



2, 9.360, 325.887

Previews

White Background



This preview shows how the CIELCh color 62, 23.334, 201.603 looks on a white background.

Color Contrast Check

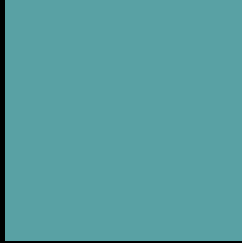
Large Text (above 18pt) WCAG AA × Fail

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 62, 23.334, 201.603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

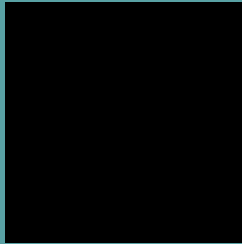
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 23.334, 201.603

Background



This preview shows how black text looks on a background with the CIELCh color 62, 23.334, 201.603.

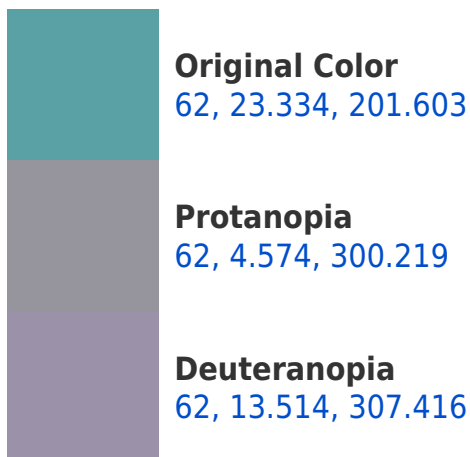


This preview shows how white text looks on a background with the CIELCh color 62, 23.334, 201.603.

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
62, 22.476, 216.805

Trichromacy



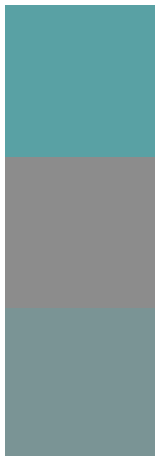
Original Color
62, 23.334, 201.603

Protanomaly
62, 9.573, 219.398

Deuteranomaly
61, 11.291, 252.089

Tritanomaly
62, 22.523, 212.177

Monochromacy



Original Color
62, 23.334, 201.603

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 9.585, 201.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 23.334, 201.603 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(89, 161, 164)` looks like.

```
.text, #text, p{  
    color:rgb(89, 161, 164)  
}
```

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(89, 161, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 161, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 23.334, 201.603 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(89, 161, 164) }
```

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

```
.border{ border-color:rgb(89, 161, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 161, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 161, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 161, 164);  
box-shadow:4px 4px 4px 4px rgb(89, 161,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 23.334, 201.603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 161, 164) }
```

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

```
.background{ background-color: rgb(89, 161,  
164) }
```

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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