

Converting Colors

CIELCh(62, 24.014, 204.170)

Have a look what the booklet for
CIELCh(62, 24.014, 204.170)
contains.

CIELCh(62, 23.976, 204.187)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 23.976, 204.187)

Conversions

Conversions Part 1

Format	Color
Hex	56A1A6
RGB	86, 161, 166
RGB Percent	34%, 63%, 65%
CMY	0.6610, 0.3670, 0.3474
CMYK	0.48, 0.03, 0.00, 0.35
HSL	184°, 32%, 50%
HSV	184°, 48%, 65%
XYZ	23.6162, 30.4025, 40.9001
YIQ	139.1450, -46.3050, -14.3450

Conversions

Conversions Part 2

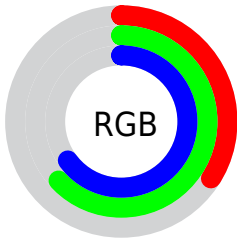
Format	Color
RYB	86, 125, 166
Decimal	5677478
CIELab	62.00, -21.87, -9.82
CIElCh	62, 23.976, 204.187
Yxy	30.4025, 0.2488, 0.3203
Android (android.graphics.Color)	4283867558 (0xFF56A1A6)
YUV	139.1450, 13.2395, -46.6082
Hunter-Lab	55.1385, -20.0397, -5.3826

Details

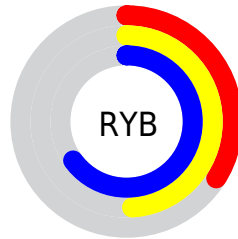
The CIELCh color **62, 23.976, 204.187** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **47, 34.258, 28.746**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 24.009, 204.175**, and **42, 23.912, 204.132** is the 20% darker color. If you saturate the color by 10%, you get **61, 27.345, 204.338**, and if you desaturate by 10%, it is **63, 19.939, 204.168**.

Distribution



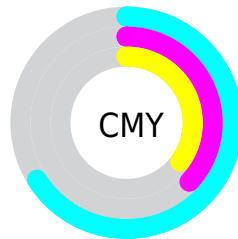
- Red (34%)
- Green (63%)
- Blue (65%)



- Red (34%)
- Yellow (49%)
- Blue (65%)



- Cyan (48%)
- Magenta (3%)
- Yellow (0%)
- Black (35%)





- Cyan (66%)
- Magenta (37%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 23.976, 204.187 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, 23.976, 204.187 by changing the saturation by 10% instead.


 62, 23.976,
204.187


 62, 23.976,
204.187


 100, 23.976,
204.187


 52, 23.976,
204.187


 82, 23.976,
204.187

 42, 23.976,
204.187

 92, 23.976,
204.187

 32, 23.976,
204.187

 22, 23.976,
204.187

 12, 23.976,
204.187

 2, 23.976, 204.187

 0, 23.976, 204.187

■ 62, 23.976,
204.187

■ 62, 23.976,
204.187

■ 61, 27.345,
204.338

■ 63, 19.939,
204.168

■ 60, 29.984,
204.648

■ 64, 15.316,
204.268

■ 60, 31.865,
205.135

■ 66, 10.199,
204.472

■ 59, 33.003,
205.818

■ 67, 4.681, 204.793

■ 69, 1.151, 24.595

■ 59, 33.520,
206.688

■ 70, 7.218, 25.325

■ 59, 33.601,
206.862

■ 72, 13.454, 25.767

■ 74, 19.801, 26.215

■ 76, 26.215, 26.674

Harmonies

Complementary

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



62, 23.976, 204.187



47, 34.258, 28.746

Rectangle

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



62, 23.976, 204.187



62, 23.976, 254.187



62, 23.976, 24.187



62, 23.976, 74.187

Sweetspot

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



62, 23.976, 204.185



84, 9.913, 204.577



62, 51.663, 141.945



44, 6.857, 204.517



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



62, 23.976, 204.185



78, 33.657, 204.362



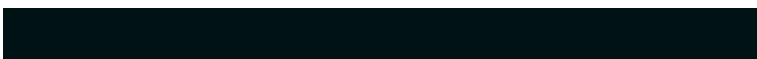
50, 27.440, 269.444



35, 3.305, 204.744



52, 30.833, 206.752



5, 6.049, 207.286

Inverse Universe

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



49, 50.984, 328.796



59, 74.149, 329.337



57, 30.115, 74.414



33, 6.161, 326.656



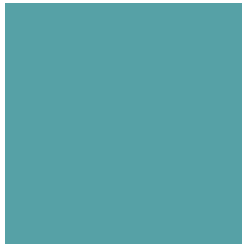
34, 73.373, 330.836



2, 10.999, 326.867

Previews

White Background



This preview shows how the CIELCh color 62, 23.976, 204.187 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, 23.976, 204.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

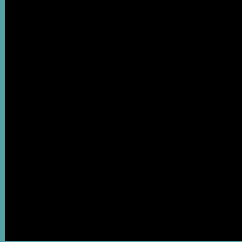
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 23.976, 204.187

Background



This preview shows how black text looks on a background with the CIELCh color 62, 23.976, 204.187.

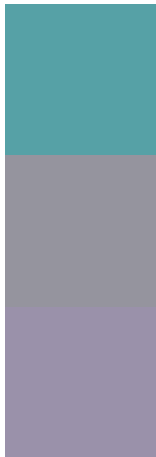


This preview shows how white text looks on a background with the CIELCh color 62, 23.976, 204.187.

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, 23.976, 204.187

Protanopia
62, 5.642, 294.630

Deuteranopia
62, 14.505, 304.835



Tritanopia
62, 23.176, 216.154

Trichromacy



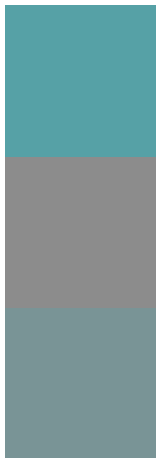
Original Color
62, 23.976, 204.187

Protanomaly
61, 10.551, 223.997

Deuteranomaly
61, 12.540, 253.106

Tritanomaly
62, 23.485, 211.486

Monochromacy



Original Color
62, 23.976, 204.187

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 9.935, 205.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 23.976, 204.187 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(86, 161, 166)` looks like.

```
.text, #text, p{  
    color:rgb(86, 161, 166)  
}
```

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(86, 161, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 161, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 23.976, 204.187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

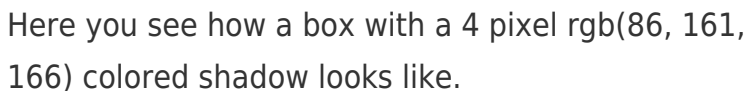
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(86, 161, 166) }
```

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

```
.border{ border-color:rgb(86, 161, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(86, 161, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(86, 161, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(86, 161, 166); box-shadow:4px 4px 4px 4px rgb(86, 161, 166) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 23.976, 204.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 161, 166) }
```

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

```
.background{ background-color: rgb(86, 161,  
166) }
```

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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