

Converting Colors

CIELCh(62, 34.217, 209.189)

Have a look what the booklet for
CIELCh(62, 34.217, 209.189)
contains.

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Color

CIELCh(62, 34.164, 209.212)

Conversions

Conversions Part 1

Format	Color
Hex	14A5B2
RGB	20, 165, 178
RGB Percent	8%, 65%, 70%
CMY	0.9216, 0.3517, 0.3007
CMYK	0.89, 0.07, 0.00, 0.30
HSL	185°, 80%, 39%
HSV	185°, 89%, 70%
XYZ	21.8697, 30.4025, 47.0055
YIQ	123.1270, -90.5930, -26.6970

Conversions

Conversions Part 2

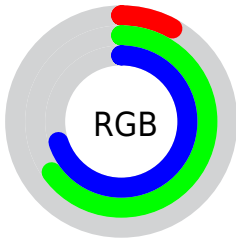
Format	Color
R_{YB}	20, 96, 178
Decimal	1353138
CIE _{Lab}	62.00, -29.82, -16.67
CIE _{LCh}	62, 34.164, 209.212
Yxy	30.4025, 0.2203, 0.3062
Android (android.graphics.Color)	4279543218 (0xFF14A5B2)
YUV	123.1270, 27.0524, -90.4424
Hunter-Lab	55.1385, -25.6935, -11.9477

Details

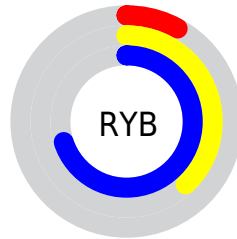
The CIELCh color **62, 34.164, 209.212** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **39, 71.616, 38.624**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 33.993, 209.992**, and **43, 26.470, 212.769** is the 20% darker color. If you saturate the color by 10%, you get **61, 34.611, 210.464**, and if you desaturate by 10%, it is **63, 33.084, 208.200**.

Distribution



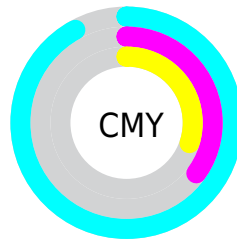
- Red (8%)
- Green (65%)
- Blue (70%)



- Red (8%)
- Yellow (38%)
- Blue (70%)



- Cyan (89%)
- Magenta (7%)
- Yellow (0%)
- Black (30%)





- Cyan (92%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 34.164, 209.212 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, 34.164, 209.212 by changing the saturation by 10% instead.


 62, 34.164,
209.212


 62, 34.164,
209.212


 100, 34.164,
209.212


 52, 34.164,
209.212


 82, 34.164,
209.212

 42, 34.164,
209.212

 92, 34.164,
209.212

 32, 34.164,
209.212

 22, 34.164,
209.212

 12, 34.164,
209.212

 2, 34.164, 209.212

 0, 34.164, 209.212

■ 62, 34.164,
209.212

■ 62, 34.164,
209.212

■ 61, 34.611,
210.464

■ 63, 33.084,
208.200

■ 61, 34.654,
210.620

■ 63, 31.229,
207.443

■ 64, 28.577,
206.912

■ 65, 25.153,
206.578

■ 67, 21.023,
206.412

■ 68, 16.271,
206.387

■ 70, 10.995,
206.486

■ 71, 5.291, 206.711

Harmonies

Complementary

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



62, 34.164, 209.212



39, 71.616, 38.624

Rectangle

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



62, 34.164, 209.212



62, 34.164, 259.212



62, 34.164, 29.212



62, 34.164, 79.212

Sweetspot

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



62, 34.163, 209.211



87, 18.999, 206.394



64, 86.517, 137.467



46, 12.739, 206.382



96, 0.011, 296.813



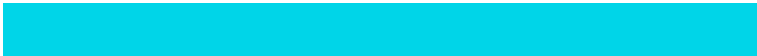
49, 0.007, 296.813

Same Dimension

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



62, 34.163, 209.211



78, 42.148, 210.892



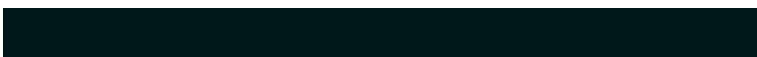
39, 55.240, 285.283



37, 3.408, 206.694



53, 30.982, 210.431



6, 8.156, 210.678

Inverse Universe

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



42, 80.873, 331.345



54, 100.802, 331.853



53, 59.216, 69.244



35, 6.382, 327.237



35, 74.072, 331.740



2, 14.942, 327.961

Previews

White Background



This preview shows how the CIE LCh color 62, 34.164, 209.212 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, 34.164, 209.212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

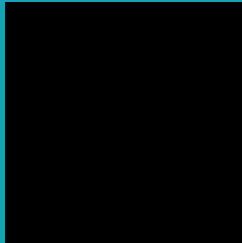
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

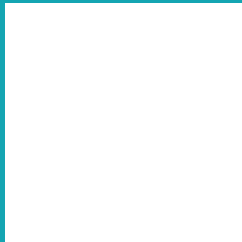
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 34.164, 209.212

Background



This preview shows how black text looks on a background with the CIELCh color 62, 34.164, 209.212.

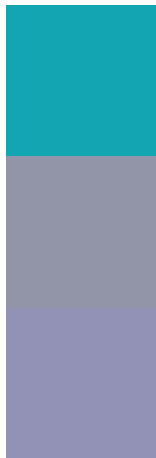


This preview shows how white text looks on a background with the CIELCh color 62, 34.164, 209.212.

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, 34.109, 209.237

Protanopia

62, 10.690, 287.438

Deuteranopia

62, 20.813, 292.438



Tritanopia
62, 34.025, 210.275

Trichromacy



Original Color
62, 34.109, 209.237



Protanomaly
61, 19.676, 227.455



Deuteranomaly
61, 22.409, 243.511



Tritanomaly
62, 34.025, 210.275

Monochromacy



Original Color
62, 34.109, 209.237



Achromatopsia
52, 0.007, 296.813



Achromatomaly
54, 17.923, 207.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 34.164, 209.212 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(20, 165, 178)` looks like.

```
.text, #text, p{  
    color:rgb(20, 165, 178)  
}
```

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(20, 165, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 165, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 34.164, 209.212 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(20, 165, 178) }
```

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

```
.border{ border-color:rgb(20, 165, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 165, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 165, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 165, 178);  
box-shadow:4px 4px 4px 4px rgb(20, 165,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 34.164, 209.212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 165, 178) }
```

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

```
.background{ background-color: rgb(20, 165,  
178) }
```

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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