

Converting Colors

CIELCh(62, 24.497, 206.136)

Have a look what the booklet for
CIELCh(62, 24.497, 206.136)
contains.

CIELCh(62, 24.661, 205.285)	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, 24.661, 205.285)

Conversions

Conversions Part 1

Format	Color
Hex	54A2A8
RGB	84, 162, 168
RGB Percent	33%, 64%, 66%
CMY	0.6720, 0.3660, 0.3425
CMYK	0.50, 0.04, 0.00, 0.34
HSL	184°, 33%, 49%
HSV	184°, 50%, 66%
XYZ	23.5200, 30.4025, 41.5067
YIQ	139.3620, -48.4140, -14.6700

Conversions

Conversions Part 2

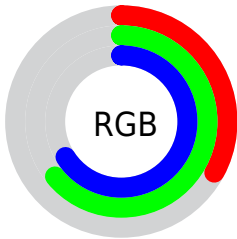
Format	Color
R _Y B	84, 124, 168
Decimal	5546664
CIE Lab	62.00, -22.30, -10.53
CIE LCh	62, 24.661, 205.285
Yxy	30.4025, 0.2465, 0.3186
Android (android.graphics.Color)	4283736744 (0xFF54A2A8)
YUV	139.3620, 14.1185, -48.5525
Hunter-Lab	55.1385, -20.3509, -6.0348

Details

The CIELCh color **62, 24.661, 205.285** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **47, 35.940, 29.681**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 24.525, 205.274**, and **42, 24.630, 205.304** is the 20% darker color. If you saturate the color by 10%, you get **61, 27.873, 205.542**, and if you desaturate by 10%, it is **63, 20.766, 205.177**.

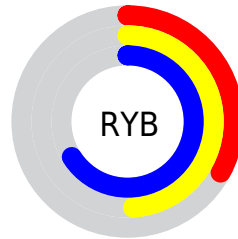
Distribution



Red (33%)

Green (64%)

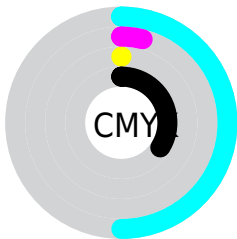
Blue (66%)



Red (33%)

Yellow (49%)

Blue (66%)

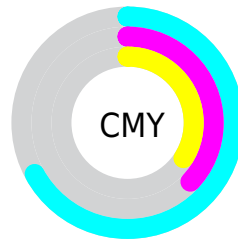


Cyan (50%)

Magenta (4%)

Yellow (0%)

Black (34%)



Cyan (67%)

Magenta (37%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 24.661, 205.285 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, 24.661, 205.285 by changing the saturation by 10% instead.

 62, 24.661,
205.285


 62, 24.661,
205.285


 100, 24.661,
205.285


 52, 24.661,
205.285


 82, 24.661,
205.285

 42, 24.661,
205.285

 92, 24.661,
205.285

 32, 24.661,
205.285

 22, 24.661,
205.285

 12, 24.661,
205.285

 2, 24.661, 205.285

 0, 24.661, 205.285

62, 24.661,
205.285

62, 24.661,
205.285

61, 27.873,
205.542

63, 20.766,
205.177

60, 30.345,
205.979

64, 16.267,
205.202

60, 32.057,
206.618

66, 11.256,
205.341

59, 33.034,
207.479

67, 5.825, 205.594

58, 33.468,
208.516

69, 0.065, 213.377

70, 5.948, 26.044

72, 12.143, 26.462

74, 18.461, 26.882

76, 24.857, 27.315

Harmonies

Complementary

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



62, 24.661, 205.285



47, 35.940, 29.681

Rectangle

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



62, 24.661, 205.285



62, 24.661, 255.285



62, 24.661, 25.285



62, 24.661, 75.285

Sweetspot

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



62, 24.661, 205.283



84, 10.503, 205.447



62, 53.419, 142.163



44, 7.179, 205.399



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, 24.661, 205.283



77, 34.077, 205.576



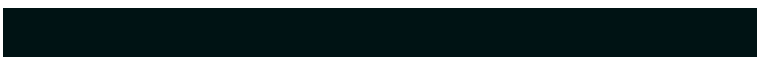
50, 29.414, 271.626



35, 3.278, 205.621



52, 30.546, 208.380



5, 5.986, 208.475

Inverse Universe

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



48, 52.933, 329.188



58, 75.723, 329.731



57, 31.936, 75.714



33, 6.124, 326.916



34, 72.870, 331.237



2, 10.907, 327.225

Previews

White Background



This preview shows how the CIELCh color 62, 24.661, 205.285 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, 24.661, 205.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

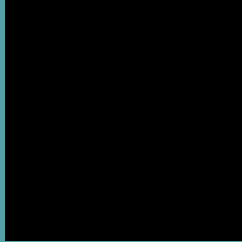
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 24.661, 205.285

Background



This preview shows how black text looks on a background with the CIELCh color 62, 24.661, 205.285.

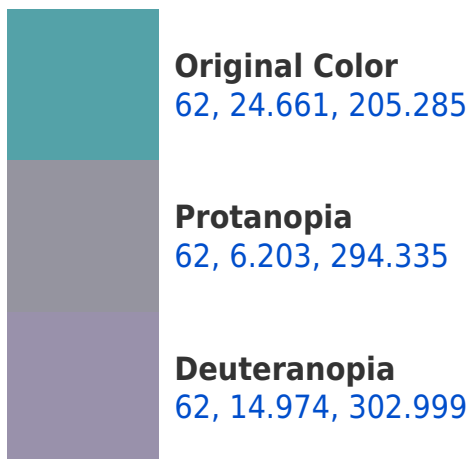


This preview shows how white text looks on a background with the CIELCh color 62, 24.661, 205.285.

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, 24.091, 215.345

Trichromacy



Original Color
62, 24.661, 205.285

Protanomaly
61, 11.056, 226.005

Deuteranomaly
61, 13.161, 253.569

Tritanomaly
62, 24.212, 212.408

Monochromacy



Original Color
62, 24.661, 205.285

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 10.286, 204.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 24.661, 205.285 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(84, 162, 168)` looks like.

```
.text, #text, p{  
    color:rgb(84, 162, 168)  
}
```

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(84, 162, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 162, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 24.661, 205.285 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(84, 162, 168) }
```

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

```
.border{ border-color:rgb(84, 162, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 162, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 162, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 162, 168);  
box-shadow:4px 4px 4px 4px rgb(84, 162,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 24.661, 205.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 162, 168) }
```

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

```
.background{ background-color: rgb(84, 162,  
168) }
```

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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