

Converting Colors

CIELCh(62, 24.399, 212.656)

Have a look what the booklet for
CIELCh(62, 24.399, 212.656)
contains.

CIELCh(62, 24.436, 212.251)	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, 24.436, 212.251)

Conversions

Conversions Part 1

Format	Color
Hex	54A1AC
RGB	84, 161, 172
RGB Percent	33%, 63%, 67%
CMY	0.6701, 0.3682, 0.3250
CMYK	0.51, 0.06, 0.00, 0.33
HSL	188°, 35%, 50%
HSV	188°, 51%, 67%
XYZ	23.8889, 30.4025, 43.6963
YIQ	139.2310, -49.4230, -12.9030

Conversions

Conversions Part 2

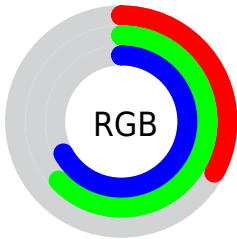
Format	Color
RYB	84, 125, 172
Decimal	5546412
CIELab	62.00, -20.67, -13.04
CIELCh	62, 24.436, 212.251
Yxy	30.4025, 0.2438, 0.3103
Android (android.graphics.Color)	4283736492 (0xFF54A1AC)
YUV	139.2310, 16.1551, -48.4376
Hunter-Lab	55.1385, -19.1569, -8.3894

Details

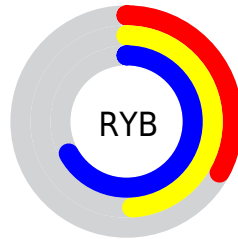
The CIELCh color **62, 24.436, 212.251** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **49, 36.154, 33.766**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 24.358, 211.807**, and **42, 24.393, 212.904** is the 20% darker color. If you saturate the color by 10%, you get **61, 27.509, 213.030**, and if you desaturate by 10%, it is **63, 20.690, 211.712**.

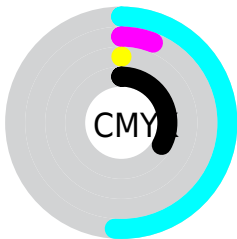
Distribution



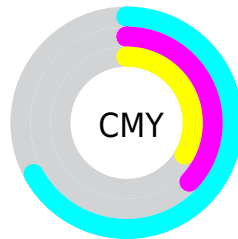
- Red (33%)
- Green (63%)
- Blue (67%)



- Red (33%)
- Yellow (49%)
- Blue (67%)



- Cyan (51%)
- Magenta (6%)
- Yellow (0%)
- Black (33%)





- Cyan (67%)
- Magenta (37%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 24.436, 212.251 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, 24.436, 212.251 by changing the saturation by 10% instead.


 62, 24.436,
212.251


 62, 24.436,
212.251


 100, 24.436,
212.251


 52, 24.436,
212.251


 82, 24.436,
212.251

 42, 24.436,
212.251

 92, 24.436,
212.251

 32, 24.436,
212.251

 22, 24.436,
212.251

 12, 24.436,
212.251

 2, 24.436, 212.251

 0, 24.436, 212.251

62, 24.436,
212.251

62, 24.436,
212.251

61, 27.509,
213.030

63, 20.690,
211.712

60, 29.856,
214.104

65, 16.349,
211.376

59, 31.460,
215.520

67, 11.502,
211.208

58, 32.357,
217.326

68, 6.239, 211.193

57, 32.740,
219.200

70, 0.646, 211.931

72, 5.201, 31.196

74, 11.237, 31.436

76, 17.406, 31.686

79, 23.664, 31.960

Harmonies

Complementary

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



62, 24.436, 212.251



49, 36.154, 33.766

Rectangle

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



62, 24.436, 212.251



62, 24.436, 262.251



62, 24.436, 32.251



62, 24.436, 82.251

Sweetspot

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



62, 24.436, 212.249



86, 10.319, 211.180



64, 53.718, 143.437



45, 6.989, 211.184



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



62, 24.436, 212.249



77, 33.850, 213.120



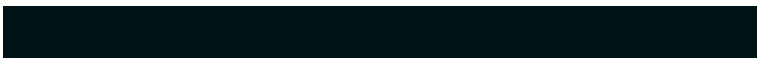
49, 32.830, 276.424



36, 3.210, 211.210



50, 29.674, 218.920



5, 6.705, 216.769

Inverse Universe

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



49, 53.089, 331.065



59, 76.068, 331.705



60, 34.225, 80.138



34, 6.047, 328.555



34, 70.796, 333.825



2, 12.256, 329.708

Previews

White Background



This preview shows how the CIELCh color 62, 24.436, 212.251 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, 24.436, 212.251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

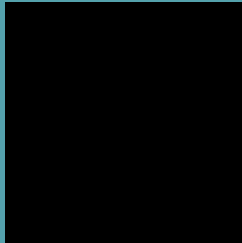
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 24.436, 212.251

Background



This preview shows how black text looks on a background with the CIELCh color 62, 24.436, 212.251.

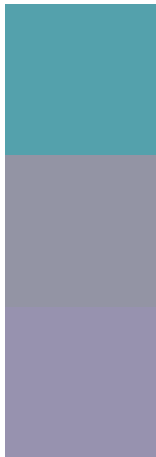


This preview shows how white text looks on a background with the CIELCh color 62, 24.436, 212.251.

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, 24.436, 212.251

Protanopia

62, 8.995, 288.822

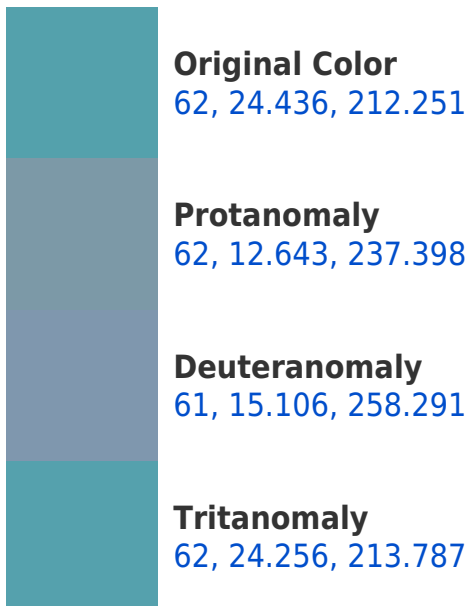
Deuteranopia

62, 16.446, 298.222



Tritanopia
62, 24.313, 215.161

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 24.436, 212.251 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, 161, 172)` looks like.

```
.text, #text, p{  
    color:rgb(84, 161, 172)  
}
```

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, 161, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 161, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 24.436, 212.251 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, 161, 172) }
```

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

```
.border{ border-color:rgb(84, 161, 172) }
```

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

Here you see how a box with a 4 pixel rgb(84, 161, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 161, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 161, 172);  
box-shadow:4px 4px 4px 4px rgb(84, 161,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 24.436, 212.251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 161, 172) }
```

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

```
.background{ background-color: rgb(84, 161,  
172) }
```

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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