

Converting Colors

CIELCh(62, 24.178, 185.364)

Have a look what the booklet for
CIELCh(62, 24.178, 185.364)
contains.

CIELCh(62, 24.136, 185.130)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 24.136, 185.130)

Conversions

Conversions Part 1

Format	Color
Hex	5DA299
RGB	93, 162, 153
RGB Percent	36%, 64%, 60%
CMY	0.6359, 0.3653, 0.4006
CMYK	0.43, 0.00, 0.06, 0.37
HSL	172°, 27%, 50%
HSV	172°, 43%, 63%
XYZ	23.1309, 30.4025, 34.7226
YIQ	140.3430, -38.2350, -17.4270

Conversions

Conversions Part 2

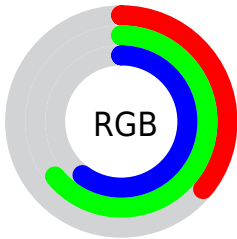
Format	Color
RYB	93, 130, 162
Decimal	6136473
CIELab	62.00, -24.04, -2.16
CIElCh	62, 24.136, 185.130
Yxy	30.4025, 0.2621, 0.3445
Android (android.graphics.Color)	4284326553 (0xFF5DA299)
YUV	140.3430, 6.2399, -41.5198
Hunter-Lab	55.1385, -21.6108, 1.2600

Details

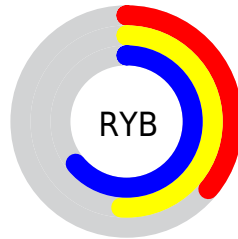
The CIELCh color **62, 24.136, 185.130** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **48, 30.097, 13.828**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 24.116, 184.933**, and **42, 24.084, 184.962** is the 20% darker color. If you saturate the color by 10%, you get **61, 28.599, 184.190**, and if you desaturate by 10%, it is **63, 19.110, 186.022**.

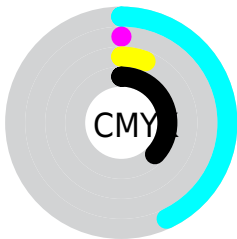
Distribution



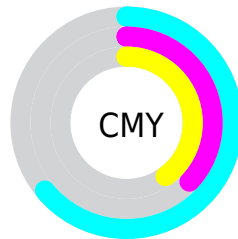
- Red (36%)
- Green (64%)
- Blue (60%)



- Red (36%)
- Yellow (51%)
- Blue (64%)



- Cyan (43%)
- Magenta (0%)
- Yellow (6%)
- Black (37%)





- Cyan (64%)
- Magenta (37%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 24.136, 185.130 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, 24.136, 185.130 by changing the saturation by 10% instead.

 62, 24.136,
185.130


 62, 24.136,
185.130


 100, 24.136,
185.130


 52, 24.136,
185.130


 82, 24.136,
185.130

 42, 24.136,
185.130

 92, 24.136,
185.130

 32, 24.136,
185.130

 22, 24.136,
185.130

 12, 24.136,
185.130

 2, 24.136, 185.130

 0, 24.136, 185.130

62, 24.136,
185.130

62, 24.136,
185.130

61, 28.599,
184.190

63, 19.110,
186.022

61, 32.414,
183.192

64, 13.619,
186.885

60, 35.520,
182.116

65, 7.764, 187.737

60, 37.897,
180.943

66, 1.642, 188.759

68, 4.663, 9.174

60, 39.572,
179.654

69, 11.076, 10.000

60, 40.526,
178.665

71, 17.539, 10.770

72, 24.003, 11.515

74, 30.434, 12.242

Harmonies

Complementary

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



62, 24.136, 185.130



48, 30.097, 13.828

Rectangle

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



62, 24.136, 185.130



62, 24.136, 235.130



62, 24.136, 5.130



62, 24.136, 55.130

Sweetspot

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



62, 24.136, 185.128



83, 9.930, 187.684



61, 44.789, 138.165



44, 6.975, 187.503



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, 24.136, 185.128



78, 34.578, 184.253



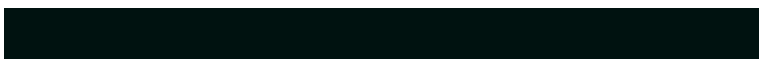
55, 19.868, 245.933



34, 3.521, 188.030



54, 37.402, 178.804



4, 5.638, 185.858

Inverse Universe

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



48, 30.097, 13.828



57, 45.509, 15.735



53, 24.838, 56.248



32, 3.677, 9.415



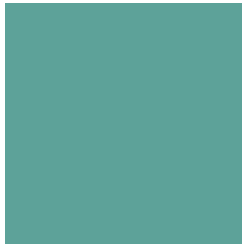
30, 63.327, 33.155



1, 5.556, 9.677

Previews

White Background



This preview shows how the CIELCh color 62, 24.136, 185.130 looks on a white background.

Color Contrast Check

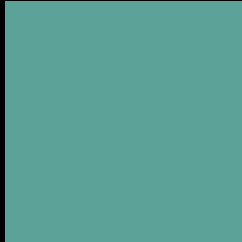
Large Text (above 18pt) WCAG AA × Fail

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, 24.136, 185.130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

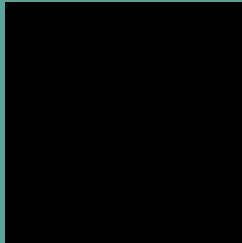
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 24.136, 185.130

Background



This preview shows how black text looks on a background with the CIELCh color 62, 24.136, 185.130.

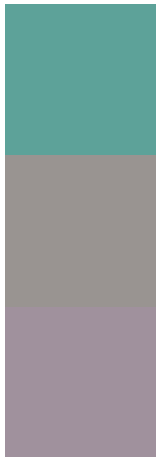


This preview shows how white text looks on a background with the CIELCh color 62, 24.136, 185.130.

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, 24.136, 185.130

Protanopia
62, 2.566, 60.223

Deuteranopia
62, 8.896, 331.069



Tritanopia
62, 20.774, 218.580

Trichromacy



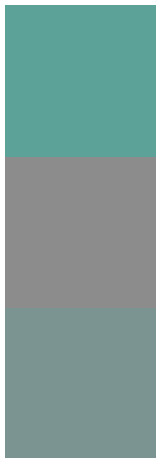
Original Color
62, 24.136, 185.130

Protanomaly
61, 8.792, 179.954

Deuteranomaly
61, 5.965, 221.204

Tritanomaly
62, 21.183, 205.309

Monochromacy



Original Color
62, 24.136, 185.130

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 9.537, 188.248

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 24.136, 185.130 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(93, 162, 153)` looks like.

```
.text, #text, p{  
    color:rgb(93, 162, 153)  
}
```

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(93, 162, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 162, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 24.136, 185.130 is called "border". The border property can be set on classes, ids or directly on the HTML element.

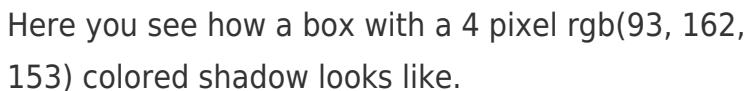
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(93, 162, 153) }
```

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

```
.border{ border-color:rgb(93, 162, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(93, 162, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(93, 162, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(93, 162, 153); box-shadow:4px 4px 4px 4px rgb(93, 162, 153) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 24.136, 185.130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 162, 153) }
```

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

```
.background{ background-color: rgb(93, 162,  
153) }
```

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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