

Converting Colors

CIELCh(62, 26.590, 219.495)

Have a look what the booklet for
CIELCh(62, 26.590, 219.495)
contains.

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Color

CIELCh(62, 26.568, 220.059)

Conversions

Conversions Part 1

Format	Color
Hex	4CA1B3
RGB	76, 161, 179
RGB Percent	30%, 63%, 70%
CMY	0.7007, 0.3675, 0.2969
CMYK	0.57, 0.10, 0.00, 0.30
HSL	190°, 40%, 50%
HSV	190°, 57%, 70%
XYZ	23.9642, 30.4025, 47.4031
YIQ	137.6370, -56.4380, -12.4220

Conversions

Conversions Part 2

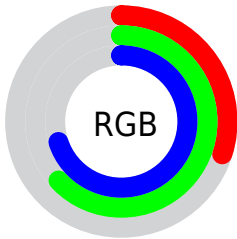
Format	Color
RYB	76, 123, 179
Decimal	5022131
CIELab	62.00, -20.33, -17.10
CIELCh	62, 26.568, 220.059
Yxy	30.4025, 0.2355, 0.2987
Android (android.graphics.Color)	4283212211 (0xFF4CA1B3)
YUV	137.6370, 20.3920, -54.0556
Hunter-Lab	55.1385, -18.9130, -12.3753

Details

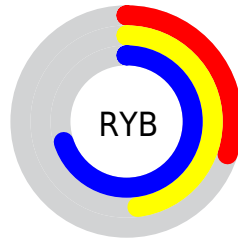
The CIELCh color **62, 26.568, 220.059** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **50, 41.600, 38.276**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 26.490, 220.397**, and **42, 25.999, 220.518** is the 20% darker color. If you saturate the color by 10%, you get **60, 29.267, 221.603**, and if you desaturate by 10%, it is **64, 23.181, 218.890**.

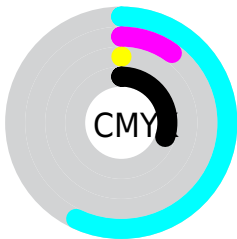
Distribution



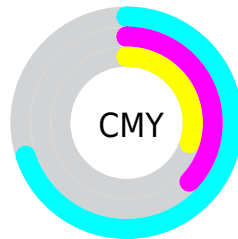
- Red (30%)
- Green (63%)
- Blue (70%)



- Red (30%)
- Yellow (48%)
- Blue (70%)



- Cyan (57%)
- Magenta (10%)
- Yellow (0%)
- Black (30%)





- Cyan (70%)
- Magenta (37%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 26.568, 220.059 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, 26.568, 220.059 by changing the saturation by 10% instead.


 62, 26.568,
220.059


 62, 26.568,
220.059


 100, 26.568,
220.059


 52, 26.568,
220.059


 82, 26.568,
220.059

 42, 26.568,
220.059

 92, 26.568,
220.059

 32, 26.568,
220.059

 22, 26.568,
220.059

 12, 26.568,
220.059

 2, 26.568, 220.059

 0, 26.568, 220.059

■ 62, 26.568,
220.059

■ 62, 26.568,
220.059

■ 60, 29.267,
221.603

■ 64, 23.181,
218.890

■ 59, 31.254,
223.599

■ 65, 19.168,
218.031

■ 58, 32.554,
226.116

■ 67, 14.609,
217.425

■ 57, 33.286,
229.172

■ 69, 9.592, 217.025

■ 57, 33.451,
229.982

■ 71, 4.202, 216.832

■ 74, 1.482, 36.231

■ 76, 7.390, 36.459

■ 78, 13.465, 36.517

■ 81, 19.657, 36.611

Harmonies

Complementary

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



62, 26.568, 220.059



50, 41.600, 38.276

Rectangle

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



62, 26.568, 220.059



62, 26.568, 270.059



62, 26.568, 40.059



62, 26.568, 90.059

Sweetspot

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



62, 26.567, 220.058



88, 11.541, 217.021



66, 59.533, 144.113



46, 7.736, 217.084



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, 26.567, 220.058



76, 36.243, 222.099



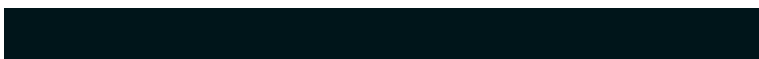
47, 41.104, 282.155



37, 3.175, 216.847



49, 29.752, 229.513



6, 7.572, 225.238

Inverse Universe

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



49, 58.599, 333.344



58, 82.469, 334.235



62, 41.080, 83.511



35, 5.981, 330.197



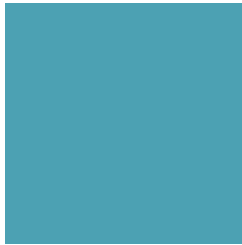
35, 69.006, 336.518



2, 13.643, 332.324

Previews

White Background



This preview shows how the CIELCh color 62, 26.568, 220.059 looks on a white background.

Color Contrast Check

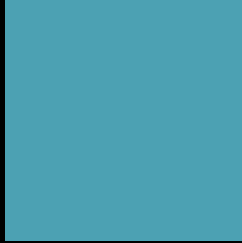
Large Text (above 18pt) WCAG AA × Fail

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, 26.568, 220.059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

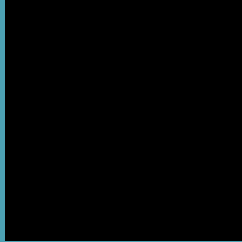
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 26.568, 220.059

Background



This preview shows how black text looks on a background with the CIELCh color 62, 26.568, 220.059.

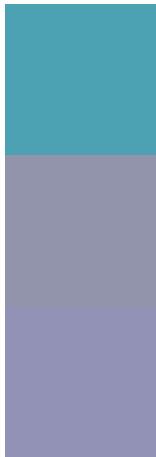


This preview shows how white text looks on a background with the CIELCh color 62, 26.568, 220.059.

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, 26.568, 220.059

Protanopia

62, 12.390, 286.517

Deuteranopia

62, 20.813, 292.438



Tritanopia
62, 26.627, 213.403

Trichromacy



Original Color
62, 26.568, 220.059

Protanomaly
61, 15.599, 245.115

Deuteranomaly
62, 19.386, 259.865

Tritanomaly
62, 26.726, 215.923

Monochromacy



Original Color
62, 26.568, 220.059

Achromatopsia
57, 0.007, 296.813

Achromatomaly
59, 11.367, 219.068

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 26.568, 220.059 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(76, 161, 179)` looks like.

```
.text, #text, p{  
    color:rgb(76, 161, 179)  
}
```

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(76, 161, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 161, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 26.568, 220.059 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(76, 161, 179) }
```

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

```
.border{ border-color:rgb(76, 161, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 161, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 161, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 161, 179);  
box-shadow:4px 4px 4px 4px rgb(76, 161,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 26.568, 220.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 161, 179) }
```

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

```
.background{ background-color: rgb(76, 161,  
179) }
```

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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