

Converting Colors

CIELCh(62, 20.354, 164.138)

Have a look what the booklet for
CIELCh(62, 20.354, 164.138)
contains.

CIELCh(62, 20.354, 164.138)	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, 20.354, 164.138)

Conversions

Conversions Part 1

Format	Color
Hex	729F8B
RGB	114, 159, 139
RGB Percent	45%, 62%, 55%
CMY	0.5515, 0.3750, 0.4535
CMYK	0.28, 0.00, 0.13, 0.37
HSL	153°, 19%, 54%
HSV	153°, 28%, 63%
XYZ	24.1366, 30.4025, 29.1626
YIQ	143.2650, -20.4000, -15.7600

Conversions

Conversions Part 2

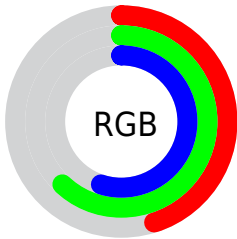
Format	Color
RYB	114, 143, 159
Decimal	7511947
CIELab	62.00, -19.58, 5.56
CIElCh	62, 20.354, 164.138
Yxy	30.4025, 0.2884, 0.3632
Android (android.graphics.Color)	4285702027 (0xFF729F8B)
YUV	143.2650, -2.1026, -25.6654
Hunter-Lab	55.1385, -18.3549, 7.2386

Details

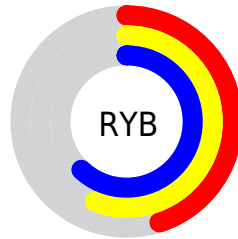
The CIELCh color $62, 20.354, 164.138$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $53, 21.287, 349.444$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 20.568, 163.427$, and $42, 20.213, 164.451$ is the 20% darker color. If you saturate the color by 10%, you get $61, 27.247, 163.005$, and if you desaturate by 10%, it is $63, 13.236, 165.160$.

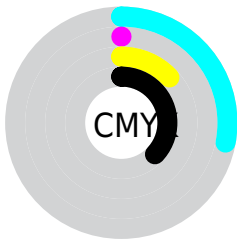
Distribution



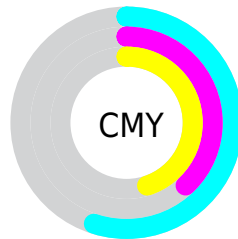
- Red (45%)
- Green (62%)
- Blue (55%)



- Red (45%)
- Yellow (56%)
- Blue (62%)



- Cyan (28%)
- Magenta (0%)
- Yellow (13%)
- Black (37%)





- Cyan (55%)
- Magenta (38%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 20.354, 164.138 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, 20.354, 164.138 by changing the saturation by 10% instead.


 62, 20.354,
164.138


 62, 20.354,
164.138


 100, 20.354,
164.138


 52, 20.354,
164.138


 82, 20.354,
164.138

 42, 20.354,
164.138

 92, 20.354,
164.138

 32, 20.354,
164.138

 22, 20.354,
164.138

 12, 20.354,
164.138

 2, 20.354, 164.138

 0, 20.354, 164.138

■ 62, 20.354,
164.138

■ 62, 20.354,
164.138

■ 61, 27.247,
163.005

■ 63, 13.236,
165.160

■ 60, 33.796,
161.739

■ 64, 5.994, 166.112

■ 59, 39.884,
160.317

■ 66, 1.281, 346.610

■ 67, 8.518, 347.622

■ 59, 45.405,
158.714

■ 69, 15.662,
348.359

■ 58, 50.284,
156.912

■ 71, 22.673,
349.035

■ 58, 54.489,
154.904


■ 73, 29.525,
349.667

■ 58, 58.114,
152.752

■ 75, 36.200,
350.262

■ 58, 58.734,

152.392

 76, 41.845,
349.917

Harmonies

Complementary

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



62, 20.354, 164.138



53, 21.287, 349.444

Rectangle

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



62, 20.354, 164.138



62, 20.354, 214.138



62, 20.354, 344.138



62, 20.354, 34.138

Sweetspot

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



62, 20.355, 164.136



82, 7.183, 166.121



63, 26.852, 129.540



43, 5.146, 165.984



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 20.355, 164.136



78, 30.059, 163.427



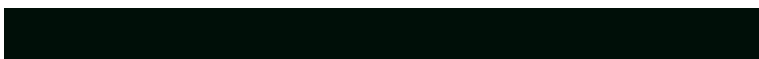
62, 15.056, 202.955



33, 4.084, 166.017



52, 53.949, 152.628



3, 5.463, 165.127

Inverse Universe

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



53, 21.287, 349.444



65, 31.745, 350.208



53, 18.249, 25.476



31, 4.147, 347.491



30, 54.824, 6.242



1, 5.278, 348.097

Previews

White Background



This preview shows how the CIELCh color 62, 20.354, 164.138 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 CIE LCh color 62, 20.354, 164.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

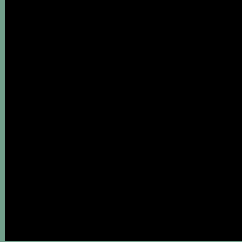
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 20.354, 164.138

Background



This preview shows how black text looks on a background with the CIELCh color 62, 20.354, 164.138.

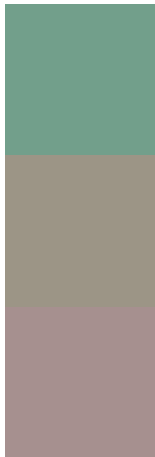


This preview shows how white text looks on a background with the CIELCh color 62, 20.354, 164.138.

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, 20.354, 164.138

Protanopia
62, 8.838, 90.586

Deuteranopia
62, 8.798, 23.841



Tritanopia
62, 13.935, 230.278

Trichromacy



Original Color
62, 20.354, 164.138

Protanomaly
62, 10.652, 135.462

Deuteranomaly
62, 4.638, 124.340

Tritanomaly
62, 13.884, 200.530

Monochromacy



Original Color
62, 20.354, 164.138

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 7.987, 164.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 20.354, 164.138 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(114, 159, 139)` looks like.

```
.text, #text, p{  
    color:rgb(114, 159, 139)  
}
```

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(114, 159, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 159, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 20.354, 164.138 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(114, 159, 139) }
```

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

```
.border{ border-color:rgb(114, 159, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 159, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 159, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 159, 139);  
box-shadow:4px 4px 4px 4px rgb(114, 159,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 20.354, 164.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 159, 139) }
```

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

```
.background{ background-color: rgb(114,  
159, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor