

Converting Colors

CIELCh(61, 20.173, 168.119)

Have a look what the booklet for
CIELCh(61, 20.173, 168.119)
contains.

CIELCh(61, 20.296, 167.612)	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(61, 20.296, 167.612)

Conversions

Conversions Part 1

Format	Color
Hex	6E9D8B
RGB	110, 157, 139
RGB Percent	43%, 62%, 55%
CMY	0.5690, 0.3847, 0.4553
CMYK	0.30, 0.00, 0.11, 0.38
HSL	157°, 19%, 52%
HSV	157°, 30%, 62%
XYZ	23.1099, 29.2481, 28.8145
YIQ	140.8950, -22.2340, -15.5620

Conversions

Conversions Part 2

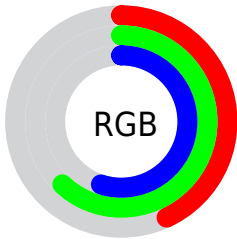
Format	Color
RYB	110, 139, 157
Decimal	7249291
CIELab	61.00, -19.82, 4.35
CIELCh	61, 20.296, 167.612
Yxy	29.2481, 0.2847, 0.3603
Android (android.graphics.Color)	4285439371 (0xFF6E9D8B)
YUV	140.8950, -0.9342, -27.0949
Hunter-Lab	54.0815, -18.3670, 6.2675

Details

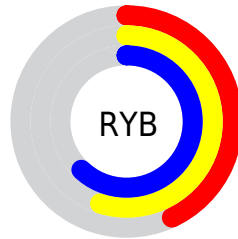
The CIELCh color $61, 20.296, 167.612$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $52, 21.601, 353.531$, and the grayscale version is $59, 0.007, 296.813$.

A 20% lighter version of the original color is $81, 20.525, 166.752$, and $41, 20.083, 168.040$ is the 20% darker color. If you saturate the color by 10%, you get $60, 26.666, 166.451$, and if you desaturate by 10%, it is $62, 13.657, 168.666$.

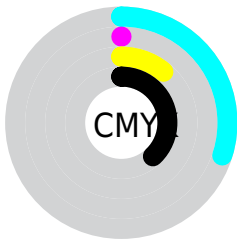
Distribution



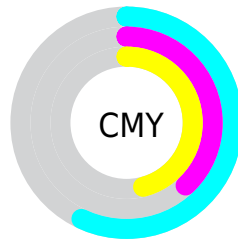
- Red (43%)
- Green (62%)
- Blue (55%)



- Red (43%)
- Yellow (55%)
- Blue (62%)



- Cyan (30%)
- Magenta (0%)
- Yellow (11%)
- Black (38%)





- Cyan (57%)
- Magenta (38%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 20.296, 167.612 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 61, 20.296, 167.612 by changing the saturation by 10% instead.


 61, 20.296,
167.612


 61, 20.296,
167.612


 100, 20.296,
167.612


 51, 20.296,
167.612


 81, 20.296,
167.612

 41, 20.296,
167.612

 91, 20.296,
167.612

 31, 20.296,
167.612

 21, 20.296,
167.612

 11, 20.296,
167.612

 1, 20.296, 167.612

 0, 20.296, 167.612

61, 20.296,
167.612

61, 20.296,
167.612

60, 26.666,
166.451

62, 13.657,
168.666

59, 32.653,
165.165

63, 6.849, 169.649

59, 38.150,
163.728

65, 0.037, 340.289

66, 6.926, 351.240

58, 43.064,
162.116

68, 13.762,
352.033

58, 47.335,
160.310

69, 20.500,
352.762

57, 50.951,
158.301


71, 27.110,
353.447

57, 54.079,
156.189

73, 33.571,
354.095

57, 54.094,

156.179

 75, 39.871,
354.712

Harmonies

Complementary

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



61, 20.296, 167.612



52, 21.601, 353.531

Rectangle

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



61, 20.296, 167.612



61, 20.296, 217.612



61, 20.296, 347.612



61, 20.296, 37.612

Sweetspot

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



61, 20.297, 167.610



81, 7.671, 169.725



61, 28.624, 131.699



42, 5.316, 169.593



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 20.297, 167.610



77, 29.921, 166.842



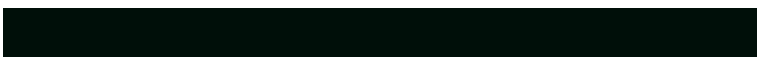
60, 14.764, 210.351



33, 3.916, 169.717



52, 50.311, 156.381



3, 5.254, 168.522

Inverse Universe

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



52, 21.601, 353.531



63, 32.296, 354.425



53, 18.180, 31.270



31, 3.993, 351.246



30, 55.118, 12.105



1, 5.087, 351.726

Previews

White Background



This preview shows how the CIELCh color 61, 20.296, 167.612 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 20.296, 167.612 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 × Fail

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

CIELCh 61, 20.296, 167.612

Background



This preview shows how black text looks on a background with the CIELCh color 61, 20.296, 167.612.



This preview shows how white text looks on a background with the CIELCh color 61, 20.296, 167.612.

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
61, 20.296, 167.612

Protanopia
61, 7.675, 90.972

Deuteranopia
61, 7.968, 20.144



Tritanopia
61, 14.275, 226.844

Trichromacy



Original Color
61, 20.296, 167.612

Protanomaly
61, 9.896, 140.300

Deuteranomaly
60, 3.730, 134.543

Tritanomaly
61, 14.207, 202.741

Monochromacy



Original Color
61, 20.296, 167.612

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 7.690, 167.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 20.296, 167.612 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(110, 157, 139)` looks like.

```
.text, #text, p{  
    color:rgb(110, 157, 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(110, 157, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 157, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 20.296, 167.612 is called "border". The border property can be set on classes, ids or directly on the HTML element.

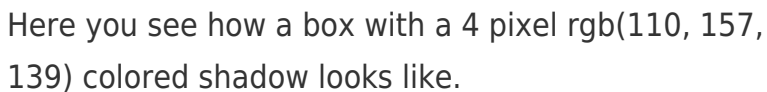
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 157, 139) }
```

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

```
.border{ border-color:rgb(110, 157, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 157, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 157, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 157, 139);  
box-shadow:4px 4px 4px 4px rgb(110, 157,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 20.296, 167.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 157, 139) }
```

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

```
.background{ background-color: rgb(110,  
157, 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](#).

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