

Converting Colors

CIELCh(61, 13.159, 182.006)

Have a look what the booklet for
CIELCh(61, 13.159, 182.006)
contains.

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Color

CIELCh(61, 13.052, 183.171)

Conversions

Conversions Part 1

Format	Color
Hex	789A94
RGB	120, 154, 148
RGB Percent	47%, 60%, 58%
CMY	0.5294, 0.3960, 0.4196
CMYK	0.22, 0.00, 0.04, 0.40
HSL	169°, 14%, 54%
HSV	169°, 22%, 60%
XYZ	24.6517, 29.2481, 32.3687
YIQ	143.1500, -18.3380, -9.0740

Conversions

Conversions Part 2

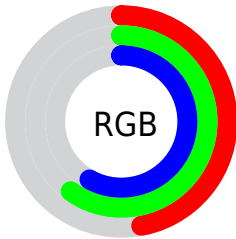
Format	Color
RYB	120, 139, 154
Decimal	7903892
CIELab	61.00, -13.03, -0.72
CIElCh	61, 13.052, 183.171
Yxy	29.2481, 0.2858, 0.3390
Android (android.graphics.Color)	4286093972 (0xFF789A94)
YUV	143.1500, 2.3911, -20.3025
Hunter-Lab	54.0815, -13.2780, 2.3711

Details

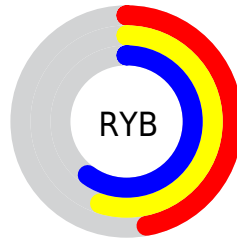
The CIELCh color $61, 13.052, 183.171$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $54, 14.337, 7.236$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 12.797, 184.021$, and $41, 13.390, 181.916$ is the 20% darker color. If you saturate the color by 10%, you get $60, 18.527, 182.220$, and if you desaturate by 10%, it is $62, 7.268, 184.085$.

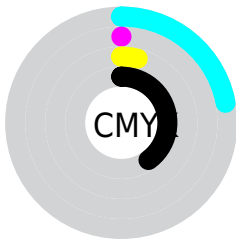
Distribution



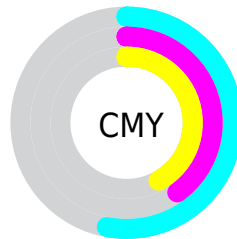
- Red (47%)
- Green (60%)
- Blue (58%)



- Red (47%)
- Yellow (55%)
- Blue (60%)



- Cyan (22%)
- Magenta (0%)
- Yellow (4%)
- Black (40%)





- Cyan (53%)
- Magenta (40%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 13.052, 183.171 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, 13.052, 183.171 by changing the saturation by 10% instead.


 61, 13.052,
183.171


 61, 13.052,
183.171


 100, 13.052,
183.171


 51, 13.052,
183.171


 81, 13.052,
183.171

 41, 13.052,
183.171

 91, 13.052,
183.171

 31, 13.052,
183.171

 21, 13.052,
183.171

 11, 13.052,
183.171

 1, 13.052, 183.171

 0, 13.052, 183.171

61, 13.052,
183.171

61, 13.052,
183.171

60, 18.527,
182.220

62, 7.268, 184.085

59, 23.593,
181.223

63, 1.264, 185.219

65, 4.880, 5.620

58, 28.154,
180.157

66, 11.097, 6.467

58, 32.123,
179.005

68, 17.333, 7.255

69, 23.545, 8.013

57, 35.437,
177.745

71, 29.702, 8.748

57, 38.066,
176.356

73, 35.782, 9.459

74, 40.389, 9.508

57, 40.030,
174.821

57, 41.289,

173.555

Harmonies

Complementary

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



61, 13.052, 183.171



54, 14.337, 7.236

Rectangle

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



61, 13.052, 183.171



61, 13.052, 233.171



61, 13.052, 3.171



61, 13.052, 53.171

Sweetspot

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



61, 13.053, 183.167



80, 5.279, 184.551



61, 22.074, 138.212



42, 3.455, 184.499



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, 13.053, 183.167



77, 18.948, 182.751



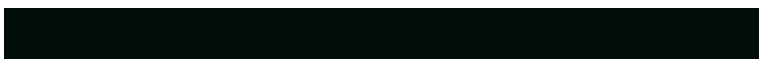
58, 10.227, 235.722



32, 3.397, 184.351



52, 38.492, 173.707



3, 3.743, 184.028

Inverse Universe

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



54, 14.337, 7.236



67, 21.243, 7.797



56, 11.536, 52.101



30, 3.529, 5.812



29, 59.774, 29.859



1, 3.720, 5.284

Previews

White Background



This preview shows how the CIELCh color 61, 13.052, 183.171 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, 13.052, 183.171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

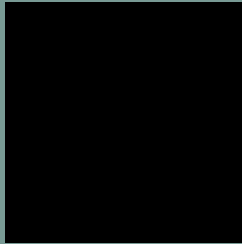
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

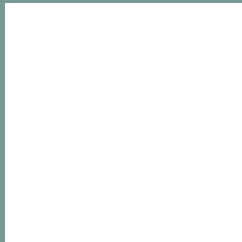
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 13.052, 183.171

Background



This preview shows how black text looks on a background with the CIELCh color 61, 13.052, 183.171.



This preview shows how white text looks on a background with the CIELCh color 61, 13.052, 183.171.

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, 13.052, 183.171

Protanopia
61, 1.914, 55.184

Deuteranopia
61, 8.027, 346.127



Tritanopia
61, 12.075, 232.846

Trichromacy



Original Color
61, 13.052, 183.171

Protanomaly
61, 4.480, 168.916

Deuteranomaly
61, 1.734, 277.625

Tritanomaly
61, 11.394, 212.848

Monochromacy



Original Color
61, 13.052, 183.171

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 4.737, 185.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 13.052, 183.171 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(120, 154, 148)` looks like.

```
.text, #text, p{  
    color:rgb(120, 154, 148)  
}
```

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(120, 154, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 154, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 13.052, 183.171 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(120, 154, 148) }
```

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

```
.border{ border-color:rgb(120, 154, 148) }
```

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

Here you see how a box with a 4 pixel rgb(120, 154, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 154, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 154, 148);  
box-shadow:4px 4px 4px 4px rgb(120, 154,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 13.052, 183.171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 154, 148) }
```

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

```
.background{ background-color: rgb(120,  
154, 148) }
```

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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