

Converting Colors

CIELCh(61, 11.096, 199.583)

Have a look what the booklet for
CIELCh(61, 11.096, 199.583)
contains.

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Color

CIELCh(61, 11.297, 198.407)

Conversions

Conversions Part 1

Format	Color
Hex	7A9999
RGB	122, 153, 153
RGB Percent	48%, 60%, 60%
CMY	0.5213, 0.3997, 0.3997
CMYK	0.20, 0.00, 0.00, 0.40
HSL	180°, 13%, 54%
HSV	180°, 20%, 60%
XYZ	25.1921, 29.2481, 34.4830
YIQ	143.7310, -18.4760, -6.5720

Conversions

Conversions Part 2

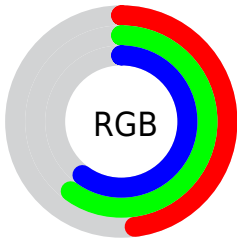
Format	Color
R_{YB}	122, 138, 153
Decimal	8034713
CIE _{Lab}	61.00, -10.72, -3.57
CIE _{LCh}	61, 11.297, 198.407
Yxy	29.2481, 0.2833, 0.3289
Android (android.graphics.Color)	4286224793 (0xFF7A9999)
YUV	143.7310, 4.5696, -19.0581
Hunter-Lab	54.0815, -11.4945, 0.0532

Details

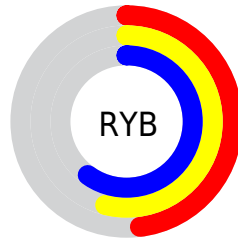
The CIELCh color `61, 11.297, 198.407` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `54, 12.863, 20.805`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 11.173, 198.633`, and `41, 11.446, 198.035` is the 20% darker color. If you saturate the color by 10%, you get `60, 16.303, 197.939`, and if you desaturate by 10%, it is `62, 5.883, 198.932`.

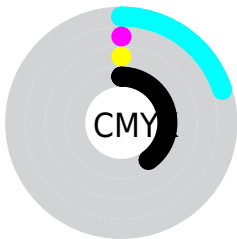
Distribution



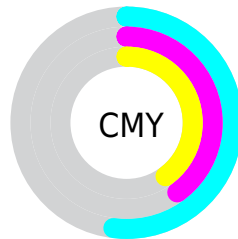
- Red (48%)
- Green (60%)
- Blue (60%)



- Red (48%)
- Yellow (54%)
- Blue (60%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)





- Cyan (52%)
- Magenta (40%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 11.297, 198.407 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, 11.297, 198.407 by changing the saturation by 10% instead.


 61, 11.297,
198.407


 61, 11.297,
198.407


 100, 11.297,
198.407


 51, 11.297,
198.407


 81, 11.297,
198.407

 41, 11.297,
198.407

 91, 11.297,
198.407

 31, 11.297,
198.407

 21, 11.297,
198.407

 11, 11.297,
198.407

 1, 11.297, 198.407

 0, 11.297, 198.407

61, 11.297,
198.407

61, 11.297,
198.407

60, 16.303,
197.939

62, 5.883, 198.932

59, 20.809,
197.535

63, 0.149, 202.428

65, 5.825, 19.869

59, 24.731,
197.190

66, 11.966, 20.492

58, 27.997,
196.907

67, 18.215, 21.104

69, 24.522, 21.719

58, 30.561,
196.687

71, 30.849, 22.335

57, 32.410,
196.530

73, 37.165, 22.950

74, 41.472, 23.367

57, 33.573,
196.432

57, 34.239,

Harmonies

Complementary

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



61, 11.297, 198.407



54, 12.863, 20.805

Rectangle

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



61, 11.297, 198.407



61, 11.297, 248.407



61, 11.297, 18.407



61, 11.297, 68.407

Sweetspot

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



61, 11.298, 198.401



79, 4.304, 199.198



60, 21.253, 142.767



42, 2.843, 199.157



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



61, 11.298, 198.401



77, 16.345, 198.199



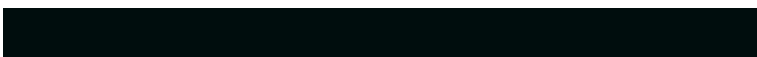
57, 10.202, 256.401



32, 3.249, 198.993



53, 32.121, 196.375



3, 3.595, 199.415

Inverse Universe

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



54, 12.863, 20.805



67, 19.171, 21.214



58, 10.806, 71.183



30, 3.439, 19.890



28, 66.110, 39.046



1, 3.595, 19.399

Previews

White Background



This preview shows how the CIELCh color 61, 11.297, 198.407 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, 11.297, 198.407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

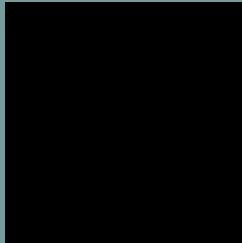
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

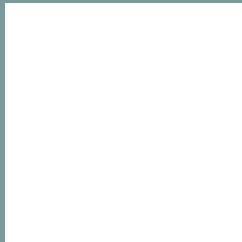
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 11.297, 198.407

Background



This preview shows how black text looks on a background with the CIELCh color 61, 11.297, 198.407.

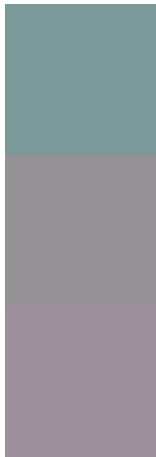


This preview shows how white text looks on a background with the CIELCh color 61, 11.297, 198.407.

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, 11.297, 198.407

Protanopia
61, 2.065, 324.449

Deuteranopia
61, 8.672, 329.101



Tritanopia
61, 11.839, 237.137

Trichromacy



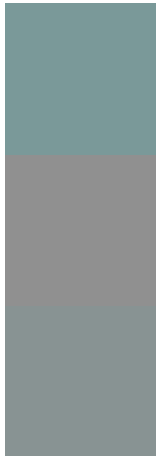
Original Color
61, 11.297, 198.407

Protanomaly
61, 3.820, 207.658

Deuteranomaly
61, 4.085, 274.535

Tritanomaly
61, 11.171, 222.483

Monochromacy



Original Color
61, 11.297, 198.407

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 4.182, 199.111

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 11.297, 198.407 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(122, 153, 153)` looks like.

```
.text, #text, p{  
    color:rgb(122, 153, 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(122, 153, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 153, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 11.297, 198.407 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(122, 153, 153) }
```

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

```
.border{ border-color:rgb(122, 153, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 153, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 153, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 153, 153);  
box-shadow:4px 4px 4px 4px rgb(122, 153,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 11.297, 198.407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 153, 153) }
```

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

```
.background{ background-color: rgb(122,  
153, 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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