

Converting Colors

CIELCh(61, 14.693, 198.203)

Have a look what the booklet for
CIELCh(61, 14.693, 198.203)
contains.

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Color

CIELCh(61, 14.922, 198.084)

Conversions

Conversions Part 1

Format	Color
Hex	719B9B
RGB	113, 155, 155
RGB Percent	44%, 61%, 61%
CMY	0.5575, 0.3928, 0.3928
CMYK	0.27, 0.00, 0.00, 0.39
HSL	180°, 17%, 52%
HSV	180°, 27%, 61%
XYZ	24.3853, 29.2481, 35.2973
YIQ	142.4420, -25.0320, -8.9040

Conversions

Conversions Part 2

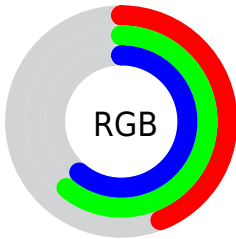
Format	Color
RYB	113, 134, 155
Decimal	7445403
CIELab	61.00, -14.18, -4.63
CIElCh	61, 14.922, 198.084
Yxy	29.2481, 0.2742, 0.3289
Android (android.graphics.Color)	4285635483 (0xFF719B9B)
YUV	142.4420, 6.1911, -25.8206
Hunter-Lab	54.0815, -14.1573, -0.8396

Details

The CIELCh color `61, 14.922, 198.084` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `52, 17.843, 21.499`, and the grayscale version is `59, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 15.121, 196.317`, and `41, 14.998, 197.631` is the 20% darker color. If you saturate the color by 10%, you get `60, 19.637, 197.657`, and if you desaturate by 10%, it is `62, 9.732, 198.560`.

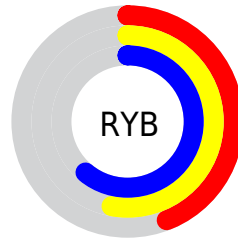
Distribution



Red (44%)

Green (61%)

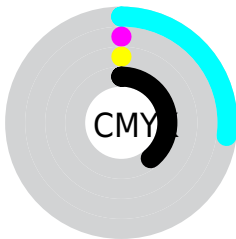
Blue (61%)



Red (44%)

Yellow (53%)

Blue (61%)

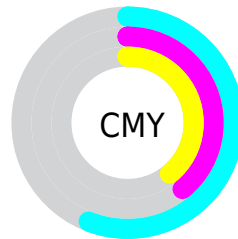


Cyan (27%)

Magenta (0%)

Yellow (0%)

Black (39%)



Cyan (56%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 14.922, 198.084 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, 14.922, 198.084 by changing the saturation by 10% instead.

■ 61, 14.922,
198.084

■ 61, 14.922,
198.084

■ 100, 14.922,
198.084

■ 51, 14.922,
198.084

■ 81, 14.922,
198.084

■ 41, 14.922,
198.084

■ 91, 14.922,
198.084

■ 31, 14.922,
198.084

■ 21, 14.922,
198.084

■ 11, 14.922,
198.084

■ 1, 14.922, 198.084

■ 0, 14.922, 198.084

61, 14.922,
198.084

61, 14.922,
198.084

60, 19.637,
197.657

62, 9.732, 198.560

59, 23.786,
197.293

63, 4.156, 199.130

64, 1.716, 19.295

59, 27.294,
196.991

66, 7.807, 20.072

58, 30.103,
196.752

67, 14.046, 20.687

69, 20.377, 21.301

58, 32.189,
196.576

70, 26.754, 21.917

58, 33.568,
196.461

72, 33.140, 22.534

74, 39.507, 23.147

58, 34.341,
196.396

58, 34.528,

Harmonies

Complementary

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



61, 14.922, 198.084



52, 17.843, 21.499

Rectangle

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



61, 14.922, 198.084



61, 14.922, 248.084



61, 14.922, 18.084



61, 14.922, 68.084

Sweetspot

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



61, 14.922, 198.080



80, 5.770, 199.062



60, 28.737, 142.245



42, 4.119, 198.974



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, 14.922, 198.080



77, 21.946, 197.798



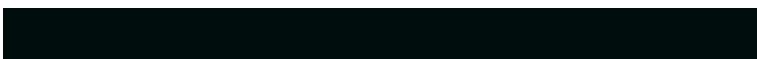
55, 13.716, 257.581



32, 3.249, 198.996



53, 32.121, 196.381



3, 3.595, 199.418

Inverse Universe

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



52, 17.843, 21.499



63, 27.546, 22.274



57, 14.856, 70.367



30, 3.439, 19.893



28, 66.112, 39.048



1, 3.595, 19.402

Previews

White Background



This preview shows how the CIELCh color 61, 14.922, 198.084 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, 14.922, 198.084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

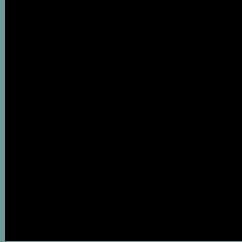
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

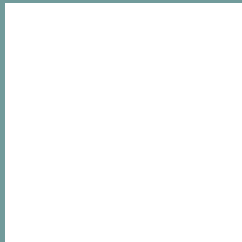
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 14.922, 198.084

Background



This preview shows how black text looks on a background with the CIELCh color 61, 14.922, 198.084.



This preview shows how white text looks on a background with the CIELCh color 61, 14.922, 198.084.

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





Tritanopia
61, 14.552, 226.236

Trichromacy



Original Color
61, 14.922, 198.084

Protanomaly
61, 5.470, 217.064

Deuteranomaly
61, 5.657, 263.262

Tritanomaly
61, 14.391, 214.239

Monochromacy



Original Color
61, 14.922, 198.084

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 6.032, 198.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 14.922, 198.084 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(113, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(113, 155, 155)  
}
```

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(113, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 155, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 14.922, 198.084 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(113, 155, 155) }
```

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

```
.border{ border-color:rgb(113, 155, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 155, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 155, 155);  
box-shadow:4px 4px 4px 4px rgb(113, 155,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 14.922, 198.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 155, 155) }
```

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

```
.background{ background-color: rgb(113,  
155, 155) }
```

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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