

Converting Colors

CIELCh(61, 25.754, 109.651)

Have a look what the booklet for
CIELCh(61, 25.754, 109.651)
contains.

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Color

CIELCh(61, 25.506, 109.203)

Conversions

Conversions Part 1

Format	Color
Hex	949668
RGB	148, 150, 104
RGB Percent	58%, 59%, 41%
CMY	0.4183, 0.4105, 0.5909
CMYK	0.01, 0.00, 0.31, 0.41
HSL	63°, 18%, 50%
HSV	63°, 31%, 59%
XYZ	25.7443, 29.2481, 17.4671
YIQ	144.1580, 13.5740, -14.7300

Conversions

Conversions Part 2

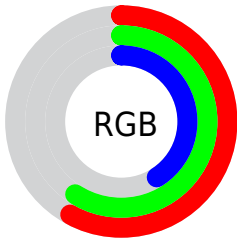
Format	Color
RYB	104, 150, 106
Decimal	9737832
CIELab	61.00, -8.39, 24.09
CIELCh	61, 25.506, 109.203
Yxy	29.2481, 0.3553, 0.4036
Android (android.graphics.Color)	4287927912 (0xFF949668)
YUV	144.1580, -19.7979, 3.3694
Hunter-Lab	54.0815, -9.6720, 18.7078

Details

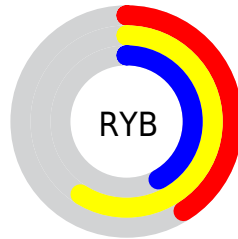
The CIELCh color $61, 25.506, 109.203$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $46, 27.420, 295.269$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 25.229, 108.807$, and $41, 25.434, 108.408$ is the 20% darker color. If you saturate the color by 10%, you get $61, 33.540, 108.351$, and if you desaturate by 10%, it is $61, 17.270, 110.083$.

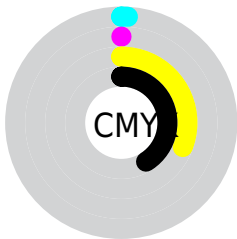
Distribution



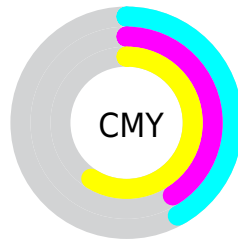
- Red (58%)
- Green (59%)
- Blue (41%)



- Red (41%)
- Yellow (59%)
- Blue (42%)



- Cyan (1%)
- Magenta (0%)
- Yellow (31%)
- Black (41%)





- Cyan (42%)
- Magenta (41%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 25.506, 109.203 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, 25.506, 109.203 by changing the saturation by 10% instead.


 61, 25.506,
109.203


 61, 25.506,
109.203


 100, 25.506,
109.203


 51, 25.506,
109.203


 81, 25.506,
109.203

 41, 25.506,
109.203

 91, 25.506,
109.203

 31, 25.506,
109.203

 21, 25.506,
109.203

 11, 25.506,
109.203

 1, 25.506, 109.203

 0, 25.506, 109.203

■ 61, 25.506,
109.203

■ 61, 25.506,
109.203

■ 61, 33.540,
108.351

■ 61, 17.270,
110.083

■ 60, 41.230,
107.543

■ 62, 8.917, 110.962

■ 62, 0.508, 111.760

■ 60, 48.371,
106.814

■ 63, 7.918, 292.690

■ 60, 54.672,
106.207

■ 63, 16.333,
293.508

■ 60, 59.765,
105.769

■ 64, 24.719,
294.293

■ 60, 63.289,
105.547

■ 64, 33.061,
295.042

■ 60, 65.433,
105.494

■ 65, 41.348,
295.752

■ 66, 49.570,
296.421

Harmonies

Complementary

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



61, 25.506, 109.203



46, 27.420, 295.269

Rectangle

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



61, 25.506, 109.203



61, 25.506, 159.203



61, 25.506, 289.203



61, 25.506, 339.203

Sweetspot

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



61, 25.507, 109.206



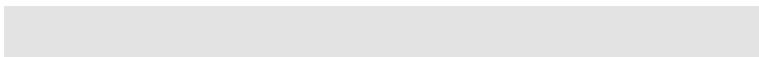
79, 9.403, 111.087



49, 19.305, 24.378



42, 6.585, 110.968



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, 25.507, 109.206



78, 38.101, 108.592



59, 27.606, 128.856



31, 4.685, 111.086



55, 61.378, 105.474



3, 4.116, 111.887

Inverse Universe

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



46, 27.420, 295.269



55, 41.813, 296.309



48, 28.687, 311.620



28, 4.784, 292.744



15, 84.377, 306.470



0, 4.117, 291.888

Previews

White Background



This preview shows how the CIELCh color 61, 25.506, 109.203 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, 25.506, 109.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

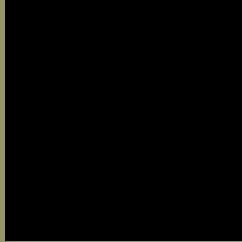
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

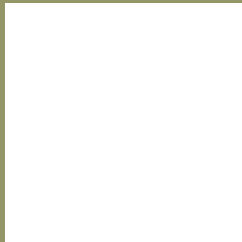
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 25.506, 109.203

Background



This preview shows how black text looks on a background with the CIELCh color 61, 25.506, 109.203.



This preview shows how white text looks on a background with the CIELCh color 61, 25.506, 109.203.

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, 25.506, 109.203

Protanopia

61, 25.048, 95.426

Deuteranopia

61, 24.571, 72.105



Tritanopia
61, 7.529, 324.793

Trichromacy



Original Color
61, 25.506, 109.203

Protanomaly
61, 25.185, 100.453

Deuteranomaly
61, 23.723, 85.100

Tritanomaly
61, 5.760, 80.537

Monochromacy



Original Color
61, 25.506, 109.203

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 8.983, 109.149

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 25.506, 109.203 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(148, 150, 104)` looks like.

```
.text, #text, p{  
    color:rgb(148, 150, 104)  
}
```

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(148, 150, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 150, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 25.506, 109.203 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(148, 150, 104) }
```

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

```
.border{ border-color:rgb(148, 150, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 150, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 150, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 150, 104);  
box-shadow:4px 4px 4px 4px rgb(148, 150,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 25.506, 109.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 150, 104) }
```

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

```
.background{ background-color: rgb(148,  
150, 104) }
```

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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