

Converting Colors

CIELCh(61, 2.882, 100.523)

Have a look what the booklet for
CIELCh(61, 2.882, 100.523) contains.

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Color

CIELCh(61, 2.825, 101.865)

Conversions

Conversions Part 1

Format	Color
Hex	94938E
RGB	148, 147, 142
RGB Percent	58%, 58%, 56%
CMY	0.4184, 0.4223, 0.4420
CMYK	0.00, 0.01, 0.04, 0.42
HSL	50°, 3%, 57%
HSV	50°, 4%, 58%
XYZ	27.6538, 29.2481, 29.8978
YIQ	146.7290, 2.2010, -1.3430

Conversions

Conversions Part 2

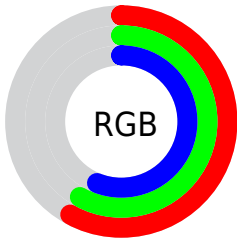
Format	Color
RYB	143, 148, 142
Decimal	9737102
CIELab	61.00, -0.58, 2.76
CIELCh	61, 2.825, 101.865
Yxy	29.2481, 0.3186, 0.3370
Android (android.graphics.Color)	4287927182 (0xFF94938E)
YUV	146.7290, -2.3314, 1.1147
Hunter-Lab	54.0815, -3.3694, 5.0799

Details

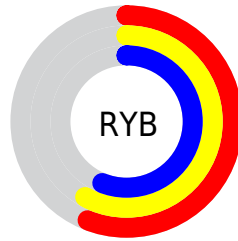
The CIELCh color $61, 2.825, 101.865$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 2.855, 282.838$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 2.664, 101.960$, and $41, 3.020, 109.707$ is the 20% darker color. If you saturate the color by 10%, you get $60, 9.855, 100.834$, and if you desaturate by 10%, it is $62, 4.161, 283.007$.

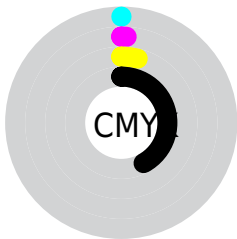
Distribution



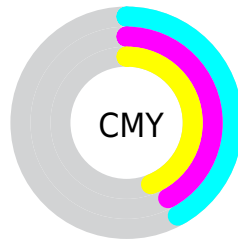
- Red (58%)
- Green (58%)
- Blue (56%)



- Red (56%)
- Yellow (58%)
- Blue (56%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (42%)



- Cyan (42%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 2.825, 101.865 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, 2.825, 101.865 by changing the saturation by 10% instead.

■ 61, 2.825, 101.865

■ 61, 2.825, 101.865

■ 100, 2.825,
101.865

■ 51, 2.825, 101.865

■ 81, 2.825, 101.865

■ 41, 2.825, 101.865

■ 91, 2.825, 101.865

■ 31, 2.825, 101.865

■ 21, 2.825, 101.865

■ 11, 2.825, 101.865

■ 1, 2.825, 101.865

■ 0, 2.825, 101.865

■ 61, 2.825, 101.865

■ 61, 2.825, 101.865

■ 60, 9.855, 100.834

■ 62, 4.161, 283.007

■ 59, 16.902, 99.726

■ 63, 11.095,
284.002

■ 58, 23.926, 98.593

■ 64, 17.968,
284.966

■ 57, 30.857, 97.446

■ 56, 37.574, 96.295

■ 66, 24.778,
285.888

■ 55, 43.882, 95.147

■ 67, 31.523,
286.766

■ 54, 49.473, 94.005

■ 54, 53.920, 92.859

■ 68, 38.204,
287.597

■ 53, 56.761, 91.682

■ 69, 44.820,
288.384

■ 70, 48.199,
288.356

■ 71, 46.828,
287.116

Harmonies

Complementary

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



61, 2.825, 101.865



60, 2.855, 282.838

Rectangle

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



61, 2.825, 101.865



61, 2.825, 151.865



61, 2.825, 281.865



61, 2.825, 331.865

Sweetspot

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



61, 2.826, 101.891



78, 0.861, 102.095



60, 2.421, 6.000



41, 0.488, 102.091



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



61, 2.826, 101.891



78, 4.347, 101.786



61, 3.460, 122.852



31, 2.364, 101.744



49, 55.053, 91.073



2, 3.455, 102.357

Inverse Universe

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



60, 2.855, 282.838



76, 4.391, 282.949



59, 3.498, 303.248



30, 2.389, 282.994



18, 75.128, 302.887



1, 3.456, 282.361

Previews

White Background



This preview shows how the CIE LCh color 61, 2.825, 101.865 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 CIE LCh color 61, 2.825, 101.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

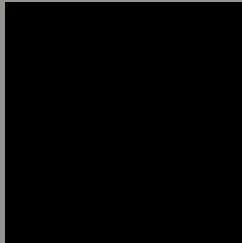
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 2.825, 101.865

Background



This preview shows how black text looks on a background with the CIELCh color 61, 2.825, 101.865.



This preview shows how white text looks on a background with the CIELCh color 61, 2.825, 101.865.

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, 2.825, 101.865

Protanopia

61, 2.971, 68.408

Deuteranopia

61, 8.372, 16.368



Tritanopia
61, 7.052, 306.460

Trichromacy



Original Color
61, 2.825, 101.865

Protanomaly
61, 2.727, 74.682

Deuteranomaly
61, 5.568, 25.632

Tritanomaly
61, 3.588, 309.209

Monochromacy



Original Color
61, 2.825, 101.865

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 1.117, 110.006

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 2.825, 101.865 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, 147, 142)` looks like.

```
.text, #text, p{  
    color:rgb(148, 147, 142)  
}
```

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, 147, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 147, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 2.825, 101.865 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, 147, 142) }
```

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

```
.border{ border-color:rgb(148, 147, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 147, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 147, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 147, 142);  
box-shadow:4px 4px 4px 4px rgb(148, 147,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 2.825, 101.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 147, 142) }
```

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

```
.background{ background-color: rgb(148,  
147, 142) }
```

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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