

Converting Colors

CIELCh(61, 2.961, 232.075)

Have a look what the booklet for
CIELCh(61, 2.961, 232.075) contains.

CIELCh(61, 2.813, 236.331)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(61, 2.813, 236.331)

Conversions

Conversions Part 1

Format	Color
Hex	8E9497
RGB	142, 148, 151
RGB Percent	56%, 58%, 59%
CMY	0.4424, 0.4188, 0.4071
CMYK	0.06, 0.02, 0.00, 0.41
HSL	200°, 4%, 58%
HSV	200°, 6%, 59%
XYZ	27.4094, 29.2481, 33.5609
YIQ	146.5480, -4.5390, -0.3390

Conversions

Conversions Part 2

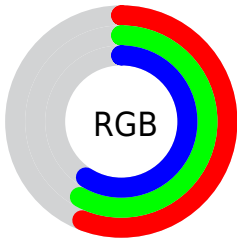
Format	Color
R_{YB}	142, 146, 151
Decimal	9344151
CIE Lab	61.00, -1.56, -2.34
CIE LCh	61, 2.813, 236.331
Yxy	29.2481, 0.3038, 0.3242
Android (android.graphics.Color)	4287534231 (0xFF8E9497)
YUV	146.5480, 2.1948, -3.9886
Hunter-Lab	54.0815, -4.1759, 1.0640

Details

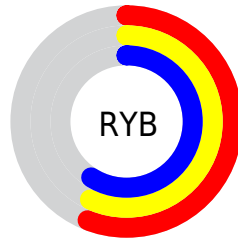
The CIELCh color $61, 2.813, 236.331$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 2.889, 55.069$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 2.666, 236.249$, and $41, 2.706, 241.710$ is the 20% darker color. If you saturate the color by 10%, you get $58, 7.396, 237.199$, and if you desaturate by 10%, it is $64, 1.934, 55.153$.

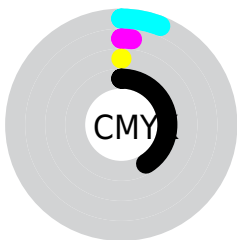
Distribution



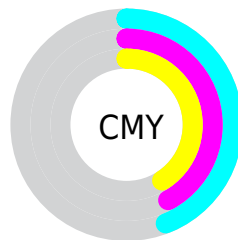
- Red (56%)
- Green (58%)
- Blue (59%)



- Red (56%)
- Yellow (57%)
- Blue (59%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (41%)



- Cyan (44%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 2.813, 236.331 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, 2.813, 236.331 by changing the saturation by 10% instead.

■ 61, 2.813, 236.331

■ 61, 2.813, 236.331

■ 100, 2.813,
236.331

■ 51, 2.813, 236.331

■ 81, 2.813, 236.331

■ 41, 2.813, 236.331

■ 91, 2.813, 236.331

■ 31, 2.813, 236.331

■ 21, 2.813, 236.331

■ 11, 2.813, 236.331

■ 1, 2.813, 236.331

■ 0, 2.813, 236.331

■ 61, 2.813, 236.331

■ 61, 2.813, 236.331

■ 58, 7.396, 237.199

■ 64, 1.934, 55.153

56, 11.770,
238.408

66, 6.805, 54.653

54, 15.890,
239.926

69, 11.769, 54.151

51, 19.707,
241.817

72, 16.797, 53.731

49, 23.184,
244.158

77, 26.958, 53.094

47, 26.299,
247.031

80, 32.057, 52.853

45, 29.061,
250.507

82, 34.266, 55.509

43, 31.523,
254.617

83, 34.220, 60.654

41, 33.796,
259.288

Harmonies

Complementary

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



61, 2.813, 236.331



61, 2.889, 55.069

Rectangle

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



61, 2.813, 236.331



61, 2.813, 286.331



61, 2.813, 56.331



61, 2.813, 106.331

Sweetspot

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



61, 2.813, 236.297



79, 1.179, 236.231



62, 4.926, 154.620



42, 0.676, 236.247



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, 2.813, 236.297



77, 4.083, 236.381



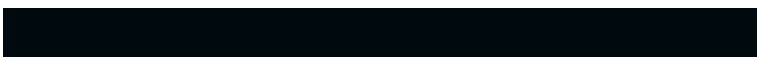
60, 4.195, 282.080



31, 2.151, 236.399



38, 32.766, 260.768



2, 2.947, 237.064

Inverse Universe

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



60, 4.892, 336.002



76, 7.124, 336.093



62, 4.154, 100.713



31, 3.755, 336.112



30, 58.230, 346.829



1, 5.002, 336.128

Previews

White Background



This preview shows how the CIELCh color 61, 2.813, 236.331 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, 2.813, 236.331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

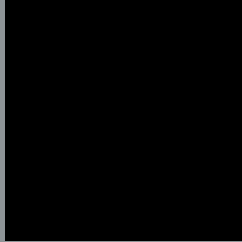
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

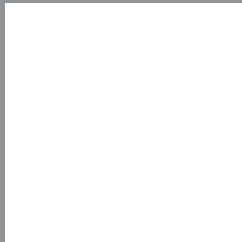
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 2.813, 236.331

Background



This preview shows how black text looks on a background with the CIELCh color 61, 2.813, 236.331.



This preview shows how white text looks on a background with the CIELCh color 61, 2.813, 236.331.

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

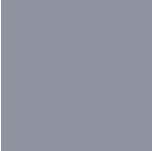
61, 2.813, 236.331

Protanopia

61, 2.550, 317.343

Deuteranopia

61, 8.031, 341.166



Tritanopia
61, 6.892, 278.480

Trichromacy



Original Color
61, 2.813, 236.331

Protanomaly
61, 1.694, 290.397

Deuteranomaly
61, 5.031, 328.295

Tritanomaly
61, 5.261, 274.194

Monochromacy



Original Color
61, 2.813, 236.331

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 1.357, 255.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 2.813, 236.331 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(142, 148, 151)` looks like.

```
.text, #text, p{  
    color:rgb(142, 148, 151)  
}
```

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(142, 148, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 148, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 2.813, 236.331 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(142, 148, 151) }
```

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

```
.border{ border-color:rgb(142, 148, 151) }
```

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

Here you see how a box with a 4 pixel rgb(142, 148, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 148, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 148, 151);  
box-shadow:4px 4px 4px 4px rgb(142, 148,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 2.813, 236.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 148, 151) }
```

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

```
.background{ background-color: rgb(142,  
148, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor