

Converting Colors

CIELCh(61, 10.035, 245.998)

Have a look what the booklet for
CIELCh(61, 10.035, 245.998)
contains.

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Color

CIELCh(61, 10.099, 245.620)

Conversions

Conversions Part 1

Format	Color
Hex	8296A3
RGB	130, 150, 163
RGB Percent	51%, 59%, 64%
CMY	0.4898, 0.4113, 0.3604
CMYK	0.20, 0.08, 0.00, 0.36
HSL	204°, 15%, 57%
HSV	204°, 20%, 64%
XYZ	26.7651, 29.2481, 38.9351
YIQ	145.5020, -16.0930, -0.1970

Conversions

Conversions Part 2

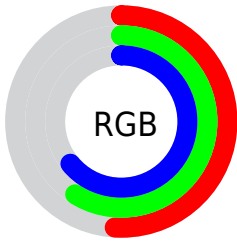
Format	Color
RYB	130, 142, 163
Decimal	8558243
CIELab	61.00, -4.17, -9.20
CIElCh	61, 10.099, 245.620
Yxy	29.2481, 0.2819, 0.3080
Android (android.graphics.Color)	4286748323 (0xFF8296A3)
YUV	145.5020, 8.6265, -13.5953
Hunter-Lab	54.0815, -6.3027, -4.8277

Details

The CIELCh color `61, 10.099, 245.620` is a light color, and the websafe version is hex `999999`. A complement of this color would be `61, 11.022, 61.155`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 10.238, 245.853`, and `41, 10.017, 245.755` is the 20% darker color. If you saturate the color by 10%, you get `58, 14.827, 247.198`, and if you desaturate by 10%, it is `64, 5.185, 244.335`.

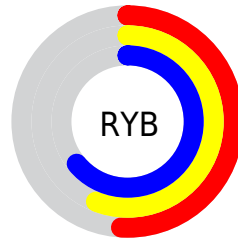
Distribution



Red (51%)

Green (59%)

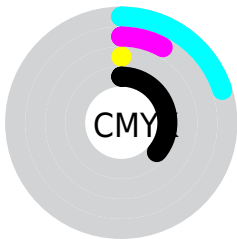
Blue (64%)



Red (51%)

Yellow (56%)

Blue (64%)

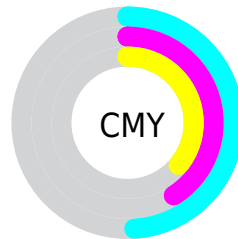


Cyan (20%)

Magenta (8%)

Yellow (0%)

Black (36%)



Cyan (49%)

Magenta (41%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 10.099, 245.620 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, 10.099, 245.620 by changing the saturation by 10% instead.

■ 61, 10.099,
245.620

■ 61, 10.099,
245.620

■ 100, 10.099,
245.620

■ 51, 10.099,
245.620

■ 81, 10.099,
245.620

■ 41, 10.099,
245.620

■ 91, 10.099,
245.620

■ 31, 10.099,
245.620

■ 21, 10.099,
245.620

■ 11, 10.099,
245.620

■ 1, 10.099, 245.620

■ 0, 10.099, 245.620

■ 61, 10.099,
245.620

■ 61, 10.099,
245.620

■ 58, 14.827,
247.198

■ 64, 5.185, 244.335

■ 55, 19.331,
249.137

■ 67, 0.125, 246.260

■ 70, 5.047, 62.198

■ 53, 23.578,
251.499

■ 73, 10.298, 61.484

■ 50, 27.549,
254.357

■ 76, 15.603, 60.863

■ 79, 20.940, 60.331

■ 47, 31.251,
257.774

■ 82, 26.291, 59.875

■ 45, 34.727,
261.776

■ 85, 29.874, 62.201

■ 86, 30.418, 69.620

■ 43, 38.065,
266.324

■ 40, 41.357,

270.976

Harmonies

Complementary

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



61, 10.099, 245.620



61, 11.022, 61.155

Rectangle

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



61, 10.099, 245.620



61, 10.099, 295.620



61, 10.099, 65.620



61, 10.099, 115.620

Sweetspot

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



61, 10.098, 245.613



83, 3.780, 243.912



64, 17.021, 156.280



44, 2.525, 243.968



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



61, 10.098, 245.613



76, 14.704, 246.241



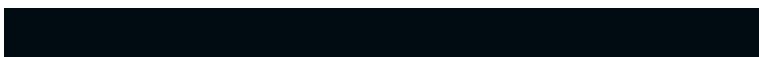
57, 16.698, 287.413



33, 2.871, 244.228



36, 37.723, 270.439



3, 4.641, 249.842

Inverse Universe

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



58, 17.129, 339.885



72, 25.166, 340.246



65, 16.146, 102.855



32, 4.751, 338.990



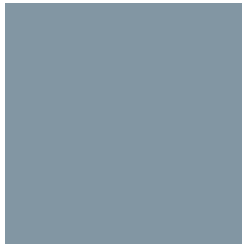
31, 57.844, 351.743



1, 7.042, 341.056

Previews

White Background



This preview shows how the CIELCh color 61, 10.099, 245.620 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, 10.099, 245.620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

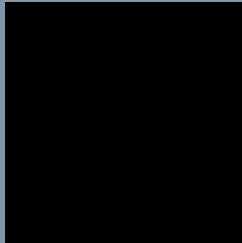
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

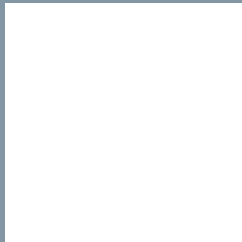
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 10.099, 245.620

Background



This preview shows how black text looks on a background with the CIELCh color 61, 10.099, 245.620.

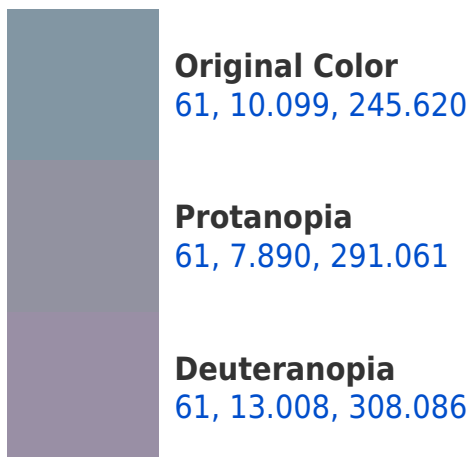


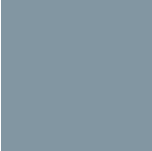
This preview shows how white text looks on a background with the CIELCh color 61, 10.099, 245.620.

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, 9.729, 243.122

Trichromacy



Original Color
61, 10.099, 245.620

Protanomaly
61, 8.242, 272.863

Deuteranomaly
61, 10.142, 289.231

Tritanomaly
61, 9.729, 243.122

Monochromacy



Original Color
61, 10.099, 245.620

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 3.827, 246.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 10.099, 245.620 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(130, 150, 163)` looks like.

```
.text, #text, p{  
    color:rgb(130, 150, 163)  
}
```

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(130, 150, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 150, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 10.099, 245.620 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(130, 150, 163) }
```

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

```
.border{ border-color:rgb(130, 150, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 150, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 150, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 150, 163);  
box-shadow:4px 4px 4px 4px rgb(130, 150,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 10.099, 245.620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 150, 163) }
```

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

```
.background{ background-color: rgb(130,  
150, 163) }
```

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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