

Converting Colors

CIELCh(61, 27.094, 163.607)

Have a look what the booklet for
CIELCh(61, 27.094, 163.607)
contains.

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Color

CIELCh(61, 26.873, 164.041)

Conversions

Conversions Part 1

Format	Color
Hex	629F85
RGB	98, 159, 133
RGB Percent	38%, 62%, 52%
CMY	0.6142, 0.3750, 0.4770
CMYK	0.38, 0.00, 0.16, 0.37
HSL	154°, 24%, 51%
HSV	154°, 38%, 63%
XYZ	21.7994, 29.2481, 26.8195
YIQ	137.7970, -28.0100, -21.0180

Conversions

Conversions Part 2

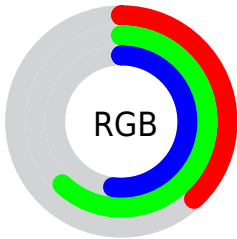
Format	Color
R_{YB}	98, 137, 159
Decimal	6463365
CIE _{Lab}	61.00, -25.84, 7.39
CIE _{LCh}	61, 26.873, 164.041
Yxy	29.2481, 0.2800, 0.3756
Android (android.graphics.Color)	4284653445 (0xFF629F85)
YUV	137.7970, -2.3649, -34.9020
Hunter-Lab	54.0815, -22.6922, 8.4547

Details

The CIELCh color $61, 26.873, 164.041$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $49, 28.689, 351.823$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $81, 26.920, 163.947$, and $41, 26.521, 164.580$ is the 20% darker color. If you saturate the color by 10%, you get $60, 33.298, 162.772$, and if you desaturate by 10%, it is $62, 20.099, 165.177$.

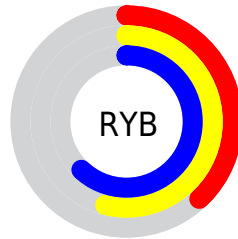
Distribution



Red (38%)

Green (62%)

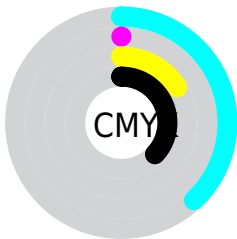
Blue (52%)



Red (38%)

Yellow (54%)

Blue (62%)

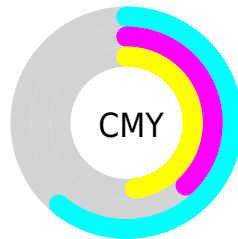


Cyan (38%)

Magenta (0%)

Yellow (16%)

Black (37%)



Cyan (61%)


Magenta (38%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 26.873, 164.041 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, 26.873, 164.041 by changing the saturation by 10% instead.


 61, 26.873,
164.041


 61, 26.873,
164.041


 100, 26.873,
164.041


 51, 26.873,
164.041


 81, 26.873,
164.041

 41, 26.873,
164.041

 91, 26.873,
164.041

 31, 26.873,
164.041

 21, 26.873,
164.041

 11, 26.873,
164.041

 1, 26.873, 164.041

 0, 26.873, 164.041

■ 61, 26.873,
164.041

■ 61, 26.873,
164.041

■ 60, 33.298,
162.772

■ 62, 20.099,
165.177

■ 59, 39.257,
161.350

■ 63, 13.088,
166.207

■ 59, 44.646,
159.749

■ 64, 5.946, 167.168

■ 58, 49.393,
157.951

■ 66, 1.240, 347.662

■ 67, 8.396, 348.699

■ 58, 53.468,
155.947

■ 69, 15.468,
349.449

■ 58, 56.971,
153.799

■ 71, 22.415,
350.139

■ 58, 57.559,
153.445

■ 73, 29.209,
350.786

■ 75, 35.834,
351.396

Harmonies

Complementary

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



61, 26.873, 164.041



49, 28.689, 351.823

Rectangle

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



61, 26.873, 164.041



61, 26.873, 214.041



61, 26.873, 344.041



61, 26.873, 34.041

Sweetspot

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



61, 26.874, 164.040



81, 9.750, 166.889



62, 36.407, 129.629



43, 6.602, 166.769



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 26.874, 164.040



76, 39.294, 162.961



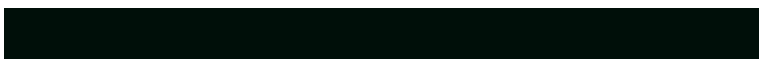
60, 19.276, 204.636



33, 4.032, 167.077



52, 52.874, 153.682



3, 5.399, 166.101

Inverse Universe

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



49, 28.689, 351.823



59, 42.474, 353.077



49, 25.333, 27.790



31, 4.100, 348.568



30, 54.840, 7.970



1, 5.220, 349.139

Previews

White Background



This preview shows how the CIELCh color 61, 26.873, 164.041 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, 26.873, 164.041 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, 26.873, 164.041

Background



This preview shows how black text looks on a background with the CIELCh color 61, 26.873, 164.041.



This preview shows how white text looks on a background with the CIELCh color 61, 26.873, 164.041.

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, 26.873, 164.041

Protanopia

61, 11.142, 91.849

Deuteranopia

61, 9.574, 33.746



Tritanopia
61, 17.551, 220.902

Trichromacy



Original Color
61, 26.873, 164.041

Protanomaly
61, 14.113, 137.340

Deuteranomaly
60, 7.471, 134.356

Tritanomaly
61, 18.798, 194.279

Monochromacy



Original Color
61, 26.873, 164.041

Achromatopsia
57, 0.007, 296.813

Achromatomaly
59, 10.262, 164.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 26.873, 164.041 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(98, 159, 133)` looks like.

```
.text, #text, p{  
    color:rgb(98, 159, 133)  
}
```

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(98, 159, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 159, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 26.873, 164.041 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(98, 159, 133) }
```

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

```
.border{ border-color:rgb(98, 159, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 159, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 159, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 159, 133);  
box-shadow:4px 4px 4px 4px rgb(98, 159,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 26.873, 164.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 159, 133) }
```

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

```
.background{ background-color: rgb(98, 159,  
133) }
```

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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