

Converting Colors

CIELCh(61, 30.078, 268.605)

Have a look what the booklet for
CIELCh(61, 30.078, 268.605)
contains.

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Color

CIELCh(61, 30.164, 268.881)

Conversions

Conversions Part 1

Format	Color
Hex	6D96C8
RGB	109, 150, 200
RGB Percent	43%, 59%, 78%
CMY	0.5724, 0.4116, 0.2155
CMYK	0.45, 0.25, 0.00, 0.22
HSL	213°, 45%, 61%
HSV	213°, 45%, 78%
XYZ	27.6517, 29.2481, 58.8530
YIQ	143.4410, -40.4860, 6.8580

Conversions

Conversions Part 2

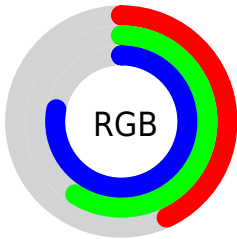
Format	Color
RYB	109, 137, 200
Decimal	7182024
CIELab	61.00, -0.59, -30.16
CIELCh	61, 30.164, 268.881
Yxy	29.2481, 0.2389, 0.2527
Android (android.graphics.Color)	4285372104 (0xFF6D96C8)
YUV	143.4410, 27.8836, -30.2048
Hunter-Lab	54.0815, -3.3762, -26.6638

Details

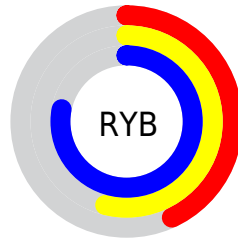
The CIELCh color **61, 30.164, 268.881** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **68, 32.993, 74.630**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 29.255, 267.739**, and **41, 30.451, 269.613** is the 20% darker color. If you saturate the color by 10%, you get **57, 36.709, 271.684**, and if you desaturate by 10%, it is **65, 23.587, 266.494**.

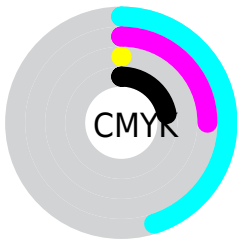
Distribution



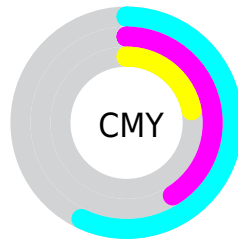
- Red (43%)
- Green (59%)
- Blue (78%)



- Red (43%)
- Yellow (54%)
- Blue (78%)



- Cyan (45%)
- Magenta (25%)
- Yellow (0%)
- Black (22%)



- Cyan (57%)
- Magenta (41%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 30.164, 268.881 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, 30.164, 268.881 by changing the saturation by 10% instead.

■ 61, 30.164,
268.881

■ 61, 30.164,
268.881

■ 100, 30.164,
268.881

■ 51, 30.164,
268.881

■ 81, 30.164,
268.881

■ 41, 30.164,
268.881

■ 91, 30.164,
268.881

■ 31, 30.164,
268.881

■ 21, 30.164,
268.881

■ 11, 30.164,
268.881

■ 1, 30.164, 268.881

■ 0, 30.164, 268.881

61, 30.164,
268.881

61, 30.164,
268.881

57, 36.709,
271.684

65, 23.587,
266.494

53, 43.253,
274.935

70, 16.973,
264.475

49, 49.849,
278.628

74, 10.328,
262.773

45, 56.568,
282.689

78, 3.667, 261.374

83, 2.995, 79.930

42, 63.469,
286.956

87, 9.640, 78.938

40, 66.660,
288.798

91, 16.253, 78.027

95, 20.461, 90.214

97, 24.897,
102.996

Harmonies

Complementary

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



61, 30.164, 268.881



68, 32.993, 74.630

Rectangle

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



61, 30.164, 268.881



61, 30.164, 318.881



61, 30.164, 88.881



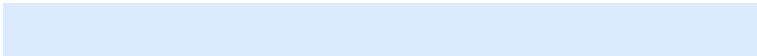
61, 30.164, 138.881

Sweetspot

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



61, 30.163, 268.881



93, 11.369, 262.574



74, 39.218, 160.780



48, 7.847, 262.914



0, 0.000, 0.000



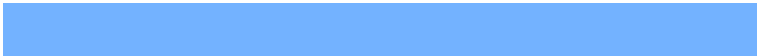
53, 0.007, 296.813

Same Dimension

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



61, 30.163, 268.881



71, 44.306, 271.774



50, 53.127, 297.447



40, 3.766, 261.875



33, 56.437, 288.125



5, 14.822, 274.198

Inverse Universe

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



57, 41.407, 351.419



67, 60.120, 353.143



79, 47.059, 107.401



39, 5.036, 347.171



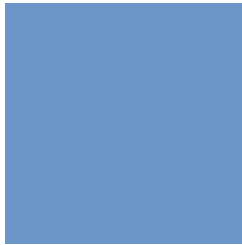
35, 60.458, 6.266



4, 17.416, 355.958

Previews

White Background



This preview shows how the CIELCh color 61, 30.164, 268.881 looks on a white background.

Color Contrast Check

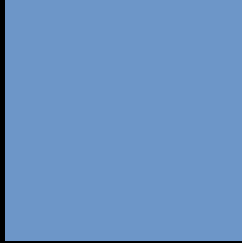
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.164, 268.881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

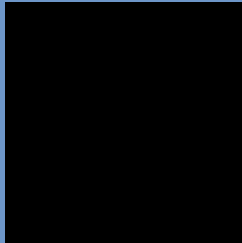
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

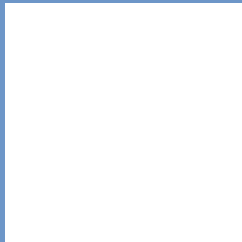
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 30.164, 268.881

Background



This preview shows how black text looks on a background with the CIELCh color 61, 30.164, 268.881.



This preview shows how white text looks on a background with the CIELCh color 61, 30.164, 268.881.

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, 30.164, 268.881

Protanopia

61, 28.892, 284.917

Deuteranopia

61, 31.718, 284.962



Tritanopia
61, 19.397, 218.470

Trichromacy



Original Color
61, 30.164, 268.881

Protanomaly
61, 28.787, 278.534

Deuteranomaly
61, 31.050, 278.927

Tritanomaly
61, 21.368, 241.946

Monochromacy



Original Color
61, 30.164, 268.881

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 11.360, 263.071

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 30.164, 268.881 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(109, 150, 200)` looks like.

```
.text, #text, p{  
    color:rgb(109, 150, 200)  
}
```

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(109, 150, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 150, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 30.164, 268.881 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(109, 150, 200) }
```

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

```
.border{ border-color:rgb(109, 150, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 150, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 150, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 150, 200);  
box-shadow:4px 4px 4px 4px rgb(109, 150,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 30.164, 268.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 150, 200) }
```

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

```
.background{ background-color: rgb(109,  
150, 200) }
```

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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