

Converting Colors

CIELCh(61, 26.567, 252.350)

Have a look what the booklet for
CIELCh(61, 26.567, 252.350)
contains.

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Color

CIELCh(61, 26.544, 252.790)

Conversions

Conversions Part 1

Format	Color
Hex	6199BF
RGB	97, 153, 191
RGB Percent	38%, 60%, 75%
CMY	0.6180, 0.3985, 0.2494
CMYK	0.49, 0.20, 0.00, 0.25
HSL	204°, 42%, 57%
HSV	204°, 49%, 75%
XYZ	25.8723, 29.2481, 53.8000
YIQ	140.5880, -45.5740, -0.0540

Conversions

Conversions Part 2

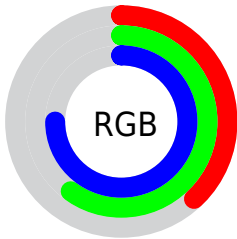
Format	Color
R _Y B	97, 132, 191
Decimal	6396351
CIE Lab	61.00, -7.85, -25.36
CIE LCh	61, 26.544, 252.790
Yxy	29.2481, 0.2375, 0.2685
Android (android.graphics.Color)	4284586431 (0xFF6199BF)
YUV	140.5880, 24.8531, -38.2267
Hunter-Lab	54.0815, -9.2492, -21.1243

Details

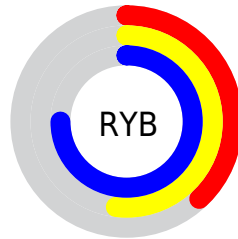
The CIELCh color `61, 26.544, 252.790` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `61, 33.503, 59.605`, and the grayscale version is `59, 0.007, 296.813`.

A 20% lighter version of the original color is `81, 26.491, 252.544`, and `41, 26.420, 252.431` is the 20% darker color. If you saturate the color by 10%, you get `58, 31.182, 255.685`, and if you desaturate by 10%, it is `64, 21.607, 250.394`.

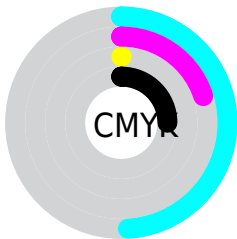
Distribution



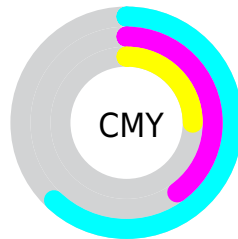
- Red (38%)
- Green (60%)
- Blue (75%)



- Red (38%)
- Yellow (52%)
- Blue (75%)



- Cyan (49%)
- Magenta (20%)
- Yellow (0%)
- Black (25%)



- Cyan (62%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 26.544, 252.790 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, 26.544, 252.790 by changing the saturation by 10% instead.

■ 61, 26.544,
252.790

■ 61, 26.544,
252.790

■ 100, 26.544,
252.790

■ 51, 26.544,
252.790

■ 81, 26.544,
252.790

■ 41, 26.544,
252.790

■ 91, 26.544,
252.790

■ 31, 26.544,
252.790

■ 21, 26.544,
252.790

■ 11, 26.544,
252.790

■ 1, 26.544, 252.790

■ 0, 26.544, 252.790

61, 26.544,
252.790

61, 26.544,
252.790

58, 31.182,
255.685

64, 21.607,
250.394

55, 35.534,
259.145

68, 16.393,
248.427

52, 39.648,
263.192

71, 10.940,
246.818

49, 43.628,
267.783

74, 5.290, 245.524

47, 47.638,
272.675

78, 0.515, 63.510

47, 48.008,
273.090

81, 6.436, 63.352

85, 12.437, 62.613

88, 18.491, 61.974

91, 20.574, 72.040

Harmonies

Complementary

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



61, 26.544, 252.790



61, 33.503, 59.605

Rectangle

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



61, 26.544, 252.790



61, 26.544, 302.790



61, 26.544, 72.790



61, 26.544, 122.790

Sweetspot

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



61, 26.543, 252.789



92, 10.724, 246.280



71, 45.421, 153.788



48, 7.292, 246.570



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



61, 26.543, 252.789



74, 38.568, 255.956



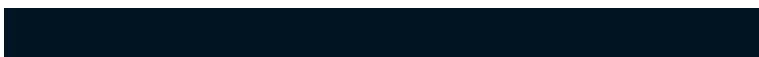
48, 49.737, 293.340



39, 3.324, 245.554



39, 41.724, 272.374



5, 11.573, 259.835

Inverse Universe

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



54, 46.491, 343.323



65, 67.542, 344.728



73, 44.677, 100.602



38, 5.437, 339.506



35, 61.856, 352.913



3, 16.814, 346.534

Previews

White Background



This preview shows how the CIE LCh color 61, 26.544, 252.790 looks on a white background.

Color Contrast Check

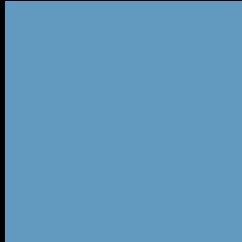
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.544, 252.790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

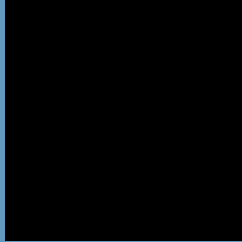
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

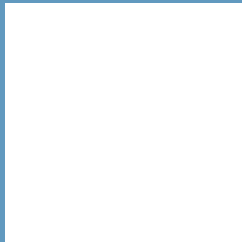
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 26.544, 252.790

Background



This preview shows how black text looks on a background with the CIELCh color 61, 26.544, 252.790.



This preview shows how white text looks on a background with the CIELCh color 61, 26.544, 252.790.

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, 22.226, 217.099

Trichromacy



Original Color
61, 26.544, 252.790

Protanomaly
61, 23.132, 271.827

Deuteranomaly
61, 26.359, 274.515

Tritanomaly
61, 22.733, 231.282

Monochromacy



Original Color
61, 26.544, 252.790

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 10.376, 244.292

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 26.544, 252.790 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(97, 153, 191)` looks like.

```
.text, #text, p{  
    color:rgb(97, 153, 191)  
}
```

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(97, 153, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 153, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 26.544, 252.790 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(97, 153, 191) }
```

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

```
.border{ border-color:rgb(97, 153, 191) }
```

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

Here you see how a box with a 4 pixel rgb(97, 153, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 153, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 153, 191);  
box-shadow:4px 4px 4px 4px rgb(97, 153,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 26.544, 252.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 153, 191) }
```

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

```
.background{ background-color: rgb(97, 153,  
191) }
```

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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