

Converting Colors

CIELCh(60, 29.925, 226.184)

Have a look what the booklet for
CIELCh(60, 29.925, 226.184)
contains.

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Color

CIELCh(60, 29.975, 227.080)

Conversions

Conversions Part 1

Format	Color
Hex	389CB6
RGB	56, 156, 182
RGB Percent	22%, 61%, 71%
CMY	0.7823, 0.3868, 0.2848
CMYK	0.70, 0.14, 0.00, 0.28
HSL	192°, 53%, 47%
HSV	192°, 70%, 72%
XYZ	22.0385, 28.1233, 48.7326
YIQ	129.0640, -67.9460, -13.1140

Conversions

Conversions Part 2

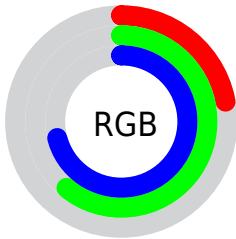
Format	Color
RYB	56, 112, 182
Decimal	3710134
CIELab	60.00, -20.41, -21.95
CIELCh	60, 29.975, 227.080
Yxy	28.1233, 0.2228, 0.2844
Android (android.graphics.Color)	4281900214 (0xFF389CB6)
YUV	129.0640, 26.0974, -64.0771
Hunter-Lab	53.0314, -18.6251, -17.3618

Details

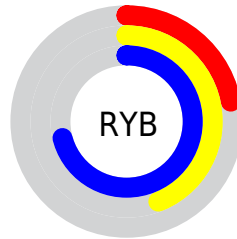
The CIELCh color **60, 29.975, 227.080** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **47, 52.313, 41.617**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 29.937, 226.779**, and **41, 26.318, 231.312** is the 20% darker color. If you saturate the color by 10%, you get **58, 31.947, 229.620**, and if you desaturate by 10%, it is **62, 27.327, 225.076**.

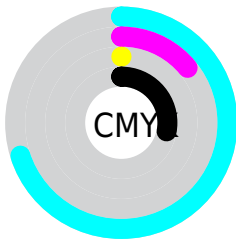
Distribution



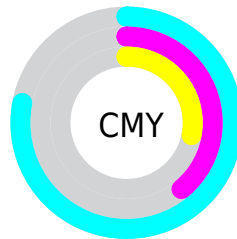
- Red (22%)
- Green (61%)
- Blue (71%)



- Red (22%)
- Yellow (44%)
- Blue (71%)



- Cyan (70%)
- Magenta (14%)
- Yellow (0%)
- Black (28%)





- Cyan (78%)
- Magenta (39%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 29.975, 227.080 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 60, 29.975, 227.080 by changing the saturation by 10% instead.


 60, 29.975,
227.080


 60, 29.975,
227.080


 100, 29.975,
227.080


 50, 29.975,
227.080


 80, 29.975,
227.080

 40, 29.975,
227.080

 90, 29.975,
227.080

 30, 29.975,
227.080

 20, 29.975,
227.080

 10, 29.975,
227.080

 0, 29.975, 227.080

 60, 29.975,

 60, 29.975,

227.080

227.080

■ 58, 31.947,
229.620

■ 62, 27.327,
225.076

■ 57, 33.294,
232.768

■ 63, 24.013,
223.526

■ 56, 34.207,
236.452

■ 65, 20.083,
222.350

■ 56, 34.247,
236.613

■ 67, 15.609,
221.477

■ 70, 10.675,
220.850

■ 72, 5.363, 220.444

■ 74, 0.248, 38.003

■ 77, 6.090, 39.771

■ 79, 12.106, 39.710

Harmonies

Complementary

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



60, 29.975, 227.080



47, 52.313, 41.617

Rectangle

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



60, 29.975, 227.080



60, 29.975, 277.080



60, 29.975, 47.080



60, 29.975, 97.080

Sweetspot

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



60, 29.974, 227.079



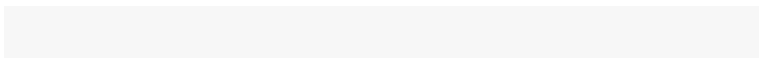
88, 14.106, 220.946



66, 69.290, 143.390



46, 9.541, 221.107



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



60, 29.974, 227.079



74, 39.773, 231.060



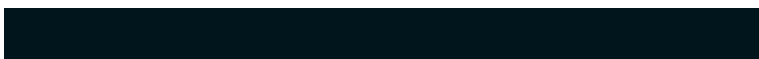
41, 53.763, 288.144



38, 3.196, 220.438



48, 30.408, 236.071



6, 8.531, 230.167

Inverse Universe

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



46, 67.170, 335.526



56, 90.333, 336.825



62, 51.027, 84.441



36, 5.993, 331.251



35, 68.293, 338.298



3, 15.314, 334.171

Previews

White Background



This preview shows how the CIE LCh color 60, 29.975, 227.080 looks on a white background.

Color Contrast Check

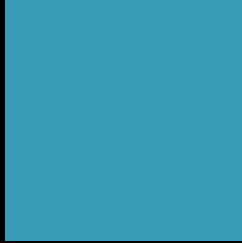
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 29.975, 227.080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

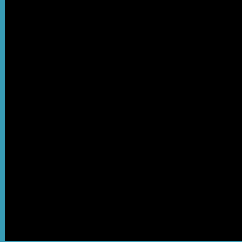
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 29.975, 227.080

Background



This preview shows how black text looks on a background with the CIELCh color 60, 29.975, 227.080.



This preview shows how white text looks on a background with the CIELCh color 60, 29.975, 227.080.

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
60, 29.844, 227.231

Protanopia
60, 17.591, 286.407

Deuteranopia
60, 25.490, 288.469



Tritanopia
60, 30.276, 211.182

Trichromacy



Original Color
60, 29.844, 227.231

Protanomaly
59, 20.493, 252.426

Deuteranomaly
59, 24.531, 260.719

Tritanomaly
60, 29.833, 217.305

Monochromacy



Original Color
60, 29.844, 227.231

Achromatopsia
54, 0.007, 296.813

Achromatomaly
56, 13.844, 220.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 29.975, 227.080 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(56, 156, 182)` looks like.

```
.text, #text, p{  
    color:rgb(56, 156, 182)  
}
```

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(56, 156, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 156, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 29.975, 227.080 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(56, 156, 182) }
```

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

```
.border{ border-color:rgb(56, 156, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 156, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(56, 156, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(56, 156, 182); box-shadow:4px 4px 4px 4px rgb(56, 156, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 29.975, 227.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 156, 182) }
```

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

```
.background{ background-color: rgb(56, 156,  
182) }
```

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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