

Converting Colors

CIELCh(60, 47.903, 262.970)

Have a look what the booklet for
CIELCh(60, 47.903, 262.970)
contains.

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Color

CIELCh(60, 47.923, 263.027)

Conversions

Conversions Part 1

Format	Color
Hex	0698E4
RGB	6, 152, 228
RGB Percent	2%, 60%, 89%
CMY	0.9748, 0.4037, 0.1056
CMYK	0.97, 0.33, 0.00, 0.11
HSL	201°, 95%, 46%
HSV	201°, 97%, 89%
XYZ	25.3313, 28.1233, 77.5419
YIQ	117.0100, -111.4120, -7.3160

Conversions

Conversions Part 2

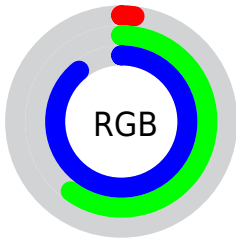
Format	Color
R _Y B	6, 94, 228
Decimal	432356
CIE Lab	60.00, -5.82, -47.57
CIE LCh	60, 47.923, 263.027
Yxy	28.1233, 0.1934, 0.2147
Android (android.graphics.Color)	4278622436 (0xFF0698E4)
YUV	117.0100, 54.7181, -97.3558
Hunter-Lab	53.0314, -7.5416, -49.5711

Details

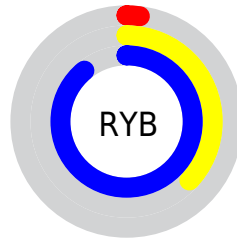
The CIELCh color **60, 47.923, 263.027** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **55, 83.435, 49.594**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 36.305, 244.755**, and **42, 44.817, 273.791** is the 20% darker color. If you saturate the color by 10%, you get **59, 48.880, 264.449**, and if you desaturate by 10%, it is **62, 44.616, 257.976**.

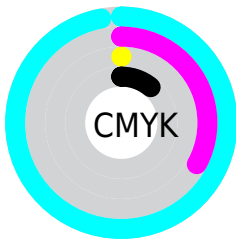
Distribution



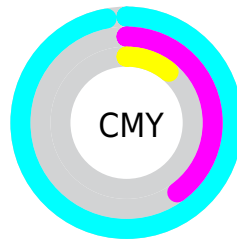
- Red (2%)
- Green (60%)
- Blue (89%)



- Red (2%)
- Yellow (37%)
- Blue (89%)



- Cyan (97%)
- Magenta (33%)
- Yellow (0%)
- Black (11%)




- Cyan (97%)
- Magenta (40%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 47.923, 263.027 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, 47.923, 263.027 by changing the saturation by 10% instead.


 60, 47.923,
263.027


 60, 47.923,
263.027


 100, 47.923,
263.027


 50, 47.923,
263.027


 80, 47.923,
263.027

 40, 47.923,
263.027

 90, 47.923,
263.027

 30, 47.923,
263.027

 20, 47.923,
263.027

 10, 47.923,
263.027

 0, 47.923, 263.027

 60, 47.923,

 60, 47.923,

263.027

263.027

■ 59, 48.880,
264.449

■ 62, 44.616,
257.976

■ 65, 41.132,
253.471

■ 68, 37.291,
249.623

■ 71, 32.987,
246.426

■ 74, 28.185,
243.817

■ 77, 22.904,
241.711

■ 81, 17.191,
240.023

■ 84, 11.112,
238.678

Harmonies

Complementary

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



60, 47.923, 263.027



55, 83.435, 49.594

Rectangle

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



60, 47.923, 263.027



60, 47.923, 313.027



60, 47.923, 83.027



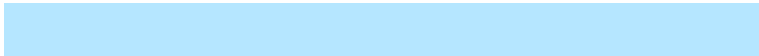
60, 47.923, 133.027

Sweetspot

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



60, 47.922, 263.028



89, 19.981, 240.331



80, 94.240, 142.458



46, 13.558, 241.040



0, 0.000, 0.000



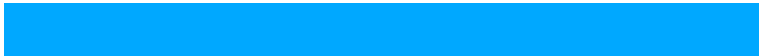
53, 0.007, 296.813

Same Dimension

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



60, 47.922, 263.028



66, 53.397, 264.798



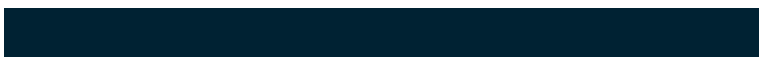
33, 109.838, 303.171



46, 3.748, 237.850



47, 40.281, 263.542



12, 15.468, 254.107

Inverse Universe

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



51, 82.395, 347.863



56, 89.614, 348.712



78, 79.282, 90.883



45, 6.529, 336.715



39, 68.863, 348.103



7, 29.765, 344.123

Previews

White Background



This preview shows how the CIE LCh color 60, 47.923, 263.027 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 60, 47.923, 263.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

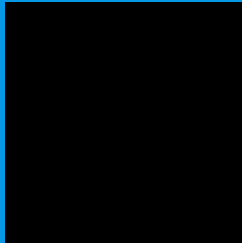
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

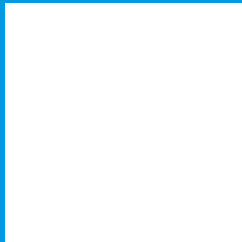
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 47.923, 263.027

Background



This preview shows how black text looks on a background with the CIELCh color 60, 47.923, 263.027.



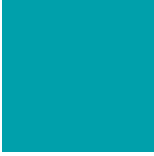
This preview shows how white text looks on a background with the CIELCh color 60, 47.923, 263.027.

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
60, 34.209, 207.223

Trichromacy



Original Color
60, 47.923, 263.027



Protanomaly
59, 45.699, 272.974



Deuteranomaly
59, 48.878, 271.831



Tritanomaly
60, 35.205, 231.869

Monochromacy



Original Color
60, 47.923, 263.027



Achromatopsia
49, 0.007, 296.813



Achromatomaly
52, 22.206, 243.617

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 47.923, 263.027 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(6, 152, 228)` looks like.

```
.text, #text, p{  
    color:rgb(6, 152, 228)  
}
```

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(6, 152, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 152, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 47.923, 263.027 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(6, 152, 228) }
```

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

```
.border{ border-color:rgb(6, 152, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 152, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 152, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 152, 228);  
box-shadow:4px 4px 4px 4px rgb(6, 152,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 47.923, 263.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 152, 228) }
```

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

```
.background{ background-color: rgb(6, 152,  
228) }
```

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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