

Converting Colors

CIELCh(60, 34.624, 227.936)

Have a look what the booklet for
CIELCh(60, 34.624, 227.936)
contains.

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Color

CIELCh(60, 34.640, 227.884)

Conversions

Conversions Part 1

Format	Color
Hex	049EBD
RGB	4, 158, 189
RGB Percent	2%, 62%, 74%
CMY	0.9855, 0.3807, 0.2591
CMYK	0.98, 0.16, 0.00, 0.26
HSL	190°, 96%, 38%
HSV	190°, 98%, 74%
XYZ	21.4374, 28.1233, 52.3995
YIQ	115.4880, -101.7350, -23.0070

Conversions

Conversions Part 2

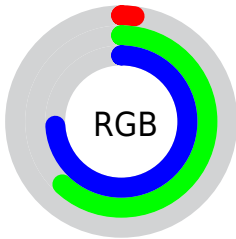
Format	Color
RYB	4, 88, 189
Decimal	302781
CIELab	60.00, -23.23, -25.70
CIELCh	60, 34.640, 227.884
Yxy	28.1233, 0.2103, 0.2758
Android (android.graphics.Color)	4278492861 (0xFF049EBD)
YUV	115.4880, 36.2414, -97.7750
Hunter-Lab	53.0314, -20.6483, -21.4614

Details

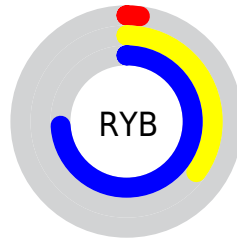
The CIELCh color **60, 34.640, 227.884** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **41, 78.937, 42.287**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **80, 34.608, 227.391**, and **41, 27.785, 238.855** is the 20% darker color. If you saturate the color by 10%, you get **60, 34.754, 228.484**, and if you desaturate by 10%, it is **61, 33.968, 224.915**.

Distribution



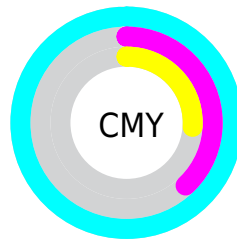
- Red (2%)
- Green (62%)
- Blue (74%)



- Red (2%)
- Yellow (35%)
- Blue (74%)



- Cyan (98%)
- Magenta (16%)
- Yellow (0%)
- Black (26%)





- Cyan (99%)
- Magenta (38%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 34.640, 227.884 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, 34.640, 227.884 by changing the saturation by 10% instead.

 60, 34.640,
227.884


 60, 34.640,
227.884


 100, 34.640,
227.884


 50, 34.640,
227.884


 80, 34.640,
227.884

 40, 34.640,
227.884

 90, 34.640,
227.884


 30, 34.640,
227.884

 20, 34.640,
227.884

 10, 34.640,
227.884

 0, 34.640, 227.884

 60, 34.640,

 60, 34.640,

227.884

227.884

■ 60, 34.754,
228.484

■ 61, 33.968,
224.915

■ 62, 32.706,
222.466

■ 64, 30.717,
220.527

■ 65, 27.971,
219.030

■ 67, 24.493,
217.904

■ 69, 20.345,
217.082

■ 71, 15.611,
216.509

■ 73, 10.385,
216.139

Harmonies

Complementary

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



60, 34.640, 227.884



41, 78.937, 42.287

Rectangle

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



60, 34.640, 227.884



60, 34.640, 277.884



60, 34.640, 47.884



60, 34.640, 97.884

Sweetspot

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



60, 34.639, 227.884



89, 19.822, 216.577



67, 90.604, 138.112



46, 13.371, 216.808



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



60, 34.639, 227.884



76, 42.227, 229.070



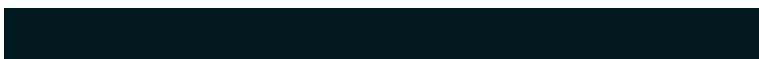
33, 76.547, 296.021



39, 3.339, 215.975



51, 30.460, 227.998



7, 9.630, 222.812

Inverse Universe

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



43, 80.739, 336.082



56, 98.115, 336.401



58, 65.305, 76.042



37, 6.296, 329.947



36, 71.061, 336.121



3, 18.204, 332.475

Previews

White Background



This preview shows how the CIE LCh color 60, 34.640, 227.884 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, 34.640, 227.884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

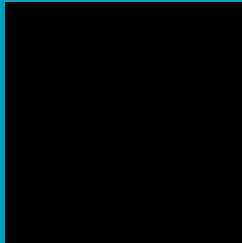
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 34.640, 227.884

Background



This preview shows how black text looks on a background with the CIELCh color 60, 34.640, 227.884.

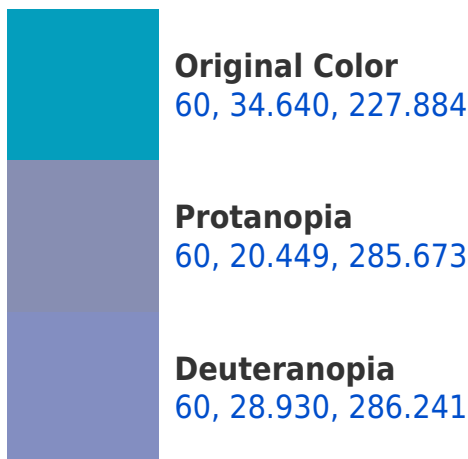


This preview shows how white text looks on a background with the CIELCh color 60, 34.640, 227.884.

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



Trichromacy



Original Color
60, 34.640, 227.884



Protanomaly
59, 25.850, 247.049



Deuteranomaly
59, 29.933, 255.567

Monochromacy



Original Color
60, 34.640, 227.884



Achromatopsia
48, 0.006, 296.813



Achromatomaly
51, 19.277, 217.283

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 34.640, 227.884 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(4, 158, 189)` looks like.

```
.text, #text, p{  
    color:rgb(4, 158, 189)  
}
```

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(4, 158, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 158, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 34.640, 227.884 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(4, 158, 189) }
```

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

```
.border{ border-color:rgb(4, 158, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 158, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 158, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 158, 189);  
box-shadow:4px 4px 4px 4px rgb(4, 158,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 34.640, 227.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 158, 189) }
```

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

```
.background{ background-color: rgb(4, 158,  
189) }
```

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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