

Converting Colors

CIELCh(43, 34.620, 258.426)

Have a look what the booklet for
CIELCh(43, 34.620, 258.426)
contains.

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Color

CIELCh(43, 34.436, 257.933)

Conversions

Conversions Part 1

Format	Color
Hex	046C9D
RGB	4, 108, 157
RGB Percent	2%, 42%, 62%
CMY	0.9857, 0.5769, 0.3847
CMYK	0.98, 0.31, 0.00, 0.38
HSL	199°, 95%, 31%
HSV	199°, 98%, 62%
XYZ	11.4738, 13.1578, 33.7846
YIQ	82.4900, -77.7130, -6.8090

Conversions

Conversions Part 2

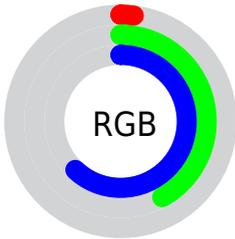
Format	Color
RYB	4, 66, 157
Decimal	289949
CIELab	43.00, -7.20, -33.68
CIElCh	43, 34.436, 257.933
Yxy	13.1578, 0.1964, 0.2252
Android (android.graphics.Color)	4278480029 (0xFF046C9D)
YUV	82.4900, 36.7334, -68.8357
Hunter-Lab	36.2736, -7.0172, -29.8301

Details

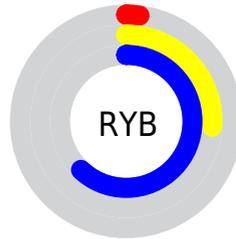
The CIELCh color **43, 34.436, 257.933** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **37, 63.244, 48.879**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 34.538, 258.397**, and **25, 30.546, 272.032** is the 20% darker color. If you saturate the color by 10%, you get **43, 34.955, 258.997**, and if you desaturate by 10%, it is **45, 32.285, 253.240**.

Distribution



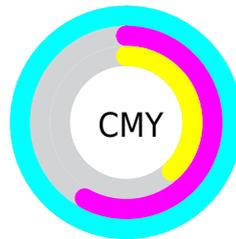
- Red (2%)
- Green (42%)
- Blue (62%)



- Red (2%)
- Yellow (26%)
- Blue (62%)



- Cyan (98%)
- Magenta (31%)
- Yellow (0%)
- Black (38%)



- Cyan (99%)
- Magenta (58%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 34.436, 257.933 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 43, 34.436, 257.933 by changing the saturation by 10% instead.

 43, 34.436,
257.933

 43, 34.436,
257.933

 100, 34.436,
257.933

 33, 34.436,
257.933

 63, 34.436,
257.933

 23, 34.436,
257.933

 73, 34.436,
257.933

 13, 34.436,
257.933

 83, 34.436,
257.933

 3, 34.436, 257.933

 93, 34.436,
257.933

 0, 34.436, 257.933

 43, 34.436,

 43, 34.436,

257.933

■ 43, 34.955,
258.997

257.933

■ 45, 32.285,
253.240

■ 47, 29.953,
249.062

■ 49, 27.297,
245.534

■ 51, 24.255,
242.623

■ 53, 20.814,
240.259

■ 55, 16.995,
238.359

■ 58, 12.840,
236.840

■ 60, 8.398, 235.638

Harmonies

Complementary

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



43, 34.436, 257.933



37, 63.244, 48.879

Rectangle

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



43, 34.436, 257.933



43, 34.436, 307.933



43, 34.436, 77.933



43, 34.436, 127.933

Sweetspot

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



43, 34.435, 257.934



73, 16.582, 237.101



56, 71.436, 142.344



37, 11.228, 237.686



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



43, 34.435, 257.934



55, 42.916, 260.080



22, 80.257, 302.147



32, 2.751, 234.846



39, 32.490, 258.541



2, 3.671, 238.352

Inverse Universe

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



35, 63.356, 345.619



45, 76.973, 346.527



55, 59.455, 89.798



31, 4.878, 335.686



31, 59.450, 345.870



1, 6.176, 336.580

Previews

White Background



This preview shows how the CIE LCh color 43, 34.436, 257.933 looks on a white background.

Color Contrast Check

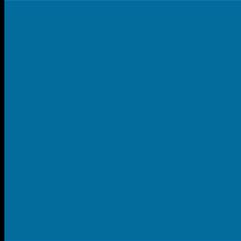
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 43, 34.436, 257.933 looks on a black 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

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

CIELCh 43, 34.436, 257.933

Background



This preview shows how black text looks on a background with the CIELCh color 43, 34.436, 257.933.



This preview shows how white text looks on a background with the CIELCh color 43, 34.436, 257.933.

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
43, 34.436, 257.933

Protanomaly
42, 32.101, 269.970

Deuteranomaly
43, 34.711, 269.583

Monochromacy



Original Color
43, 34.436, 257.933

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 16.343, 241.596

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 34.436, 257.933 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, 108, 157)` looks like.

```
.text, #text, p{  
    color:rgb(4, 108, 157)  
}
```

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, 108, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 108, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 34.436, 257.933 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, 108, 157) }
```

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

```
.border{ border-color:rgb(4, 108, 157) }
```

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

Here you see how a box with a 4 pixel rgb(4, 108, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 108, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 108, 157);  
box-shadow:4px 4px 4px 4px rgb(4, 108,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 34.436, 257.933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 108, 157) }
```

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

```
.background{ background-color: rgb(4, 108,  
157) }
```

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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