

Converting Colors

CIELCh(40, 69.400, 277.922)

Have a look what the booklet for
CIELCh(40, 69.400, 277.922)
contains.

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Color

CIELCh(43, 66.744, 287.569)

Conversions

Conversions Part 1

Format	Color
Hex	0161D0
RGB	1, 97, 208
RGB Percent	0%, 38%, 82%
CMY	0.9955, 0.6188, 0.1834
CMYK	0.99, 0.53, 0.00, 0.18
HSL	212°, 99%, 41%
HSV	212°, 99%, 82%
XYZ	15.7200, 13.1578, 61.5348
YIQ	80.9500, -92.8470, 14.1690

Conversions

Conversions Part 2

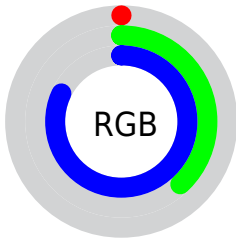
Format	Color
R_{YB}	1, 67, 208
Decimal	90576
CIE Lab	43.00, 20.15, -63.63
CIE LCh	43, 66.744, 287.569
Yxy	13.1578, 0.1739, 0.1455
Android (android.graphics.Color)	4278280656 (0xFF0161D0)
YUV	80.9500, 62.6356, -70.1162
Hunter-Lab	36.2736, 13.8782, -75.1883

Details

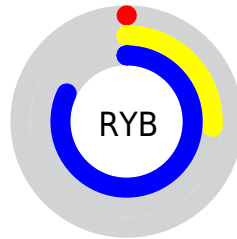
The CIELCh color **43, 66.744, 287.569** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **57, 72.034, 63.475**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 60.793, 285.624**, and **26, 65.095, 295.679** is the 20% darker color. If you saturate the color by 10%, you get **43, 67.138, 287.794**, and if you desaturate by 10%, it is **46, 59.774, 283.262**.

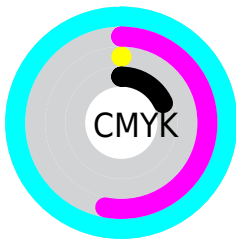
Distribution



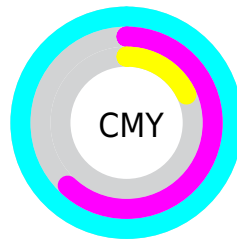
- Red (0%)
- Green (38%)
- Blue (82%)



- Red (0%)
- Yellow (26%)
- Blue (82%)



- Cyan (99%)
- Magenta (53%)
- Yellow (0%)
- Black (18%)





- Cyan (100%)
- Magenta (62%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 66.744, 287.569 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, 66.744, 287.569 by changing the saturation by 10% instead.


 43, 66.744,
287.569


 43, 66.744,
287.569


 100, 66.744,
287.569


 33, 66.744,
287.569

 63, 66.744,
287.569


 23, 66.744,
287.569

 73, 66.744,
287.569

 13, 66.744,
287.569

 83, 66.744,
287.569

 3, 66.744, 287.569

 93, 66.744,
287.569

 0, 66.744, 287.569

 43, 66.744,

 43, 66.744,

287.569

287.569

■ 43, 67.138,
287.794

■ 46, 59.774,
283.262

■ 50, 53.014,
279.021

■ 54, 46.392,
275.111

■ 58, 39.829,
271.638

■ 62, 33.256,
268.630

■ 66, 26.635,
266.065

■ 71, 19.953,
263.895

■ 75, 13.214,
262.068

Harmonies

Complementary

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



43, 66.744, 287.569



57, 72.034, 63.475

Rectangle

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



43, 66.744, 287.569



43, 66.744, 337.569



43, 66.744, 107.569



43, 66.744, 157.569

Sweetspot

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



43, 66.744, 287.571



84, 23.953, 264.077



74, 73.850, 150.801



43, 16.318, 264.971



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



43, 66.744, 287.571



52, 79.179, 288.331



26, 114.432, 306.329



42, 3.877, 260.536



35, 56.421, 287.101



6, 16.993, 275.157

Inverse Universe

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



45, 72.378, 5.647



55, 84.423, 6.502



81, 83.152, 104.930



41, 5.293, 346.411



36, 61.870, 5.118



5, 21.474, 356.250

Previews

White Background



This preview shows how the CIE LCh color 43, 66.744, 287.569 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, 66.744, 287.569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

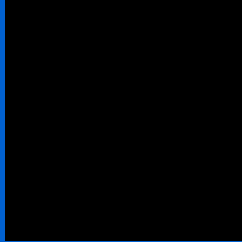
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 66.744, 287.569

Background



This preview shows how black text looks on a background with the CIELCh color 43, 66.744, 287.569.



This preview shows how white text looks on a background with the CIELCh color 43, 66.744, 287.569.

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


43, 66.738, 287.599

Protanopia

43, 66.190, 287.357

Deuteranopia

43, 46.863, 274.767



Tritanopia
43, 26.660, 205.798

Trichromacy



Original Color
43, 66.738, 287.599

Protanomaly
43, 66.190, 287.357

Deuteranomaly
43, 53.824, 280.308

Tritanomaly
42, 32.854, 254.536

Monochromacy



Original Color
43, 66.738, 287.599

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 26.349, 270.491

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 66.744, 287.569 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(1, 97, 208)` looks like.

```
.text, #text, p{  
    color:rgb(1, 97, 208)  
}
```

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(1, 97, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 97, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 66.744, 287.569 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(1, 97, 208) }
```

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

```
.border{ border-color:rgb(1, 97, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 97, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 97, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 97, 208);  
box-shadow:4px 4px 4px 4px rgb(1, 97, 208)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 66.744, 287.569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 97, 208) }
```

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

```
.background{ background-color: rgb(1, 97,  
208) }
```

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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