

Converting Colors

CIELCh(43, 44.168, 272.116)

Have a look what the booklet for
CIELCh(43, 44.168, 272.116)
contains.

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Color

CIELCh(43, 44.272, 272.185)

Conversions

Conversions Part 1

Format	Color
Hex	0069AF
RGB	0, 105, 175
RGB Percent	0%, 41%, 69%
CMY	0.9988, 0.5889, 0.3145
CMYK	1.00, 0.40, 0.00, 0.31
HSL	204°, 100%, 34%
HSV	204°, 100%, 69%
XYZ	12.7567, 13.1578, 42.3260
YIQ	81.5850, -85.0500, -0.4900

Conversions

Conversions Part 2

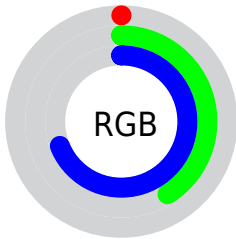
Format	Color
RYB	0, 66, 175
Decimal	27055
CIELab	43.00, 1.69, -44.24
CIELCh	43, 44.272, 272.185
Yxy	13.1578, 0.1869, 0.1928
Android (android.graphics.Color)	4278217135 (0xFF0069AF)
YUV	81.5850, 46.0536, -71.5500
Hunter-Lab	36.2736, -0.7039, -43.7911

Details

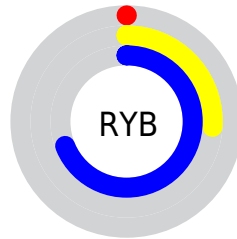
The CIELCh color **43, 44.272, 272.185** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **44, 67.194, 53.388**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 44.182, 271.849**, and **25, 41.711, 283.903** is the 20% darker color. If you saturate the color by 10%, you get **43, 44.341, 272.269**, and if you desaturate by 10%, it is **45, 40.590, 267.370**.

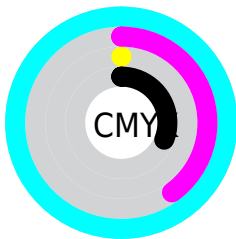
Distribution



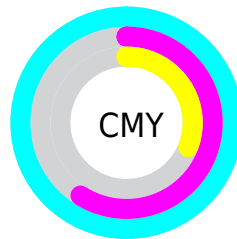
- Red (0%)
- Green (41%)
- Blue (69%)



- Red (0%)
- Yellow (26%)
- Blue (69%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (31%)




- Cyan (100%)
- Magenta (59%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 44.272, 272.185 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, 44.272, 272.185 by changing the saturation by 10% instead.


 43, 44.272,
272.185


 43, 44.272,
272.185


 100, 44.272,
272.185


 33, 44.272,
272.185

 63, 44.272,
272.185

 23, 44.272,
272.185

 73, 44.272,
272.185

 13, 44.272,
272.185

 83, 44.272,
272.185

 3, 44.272, 272.185

 93, 44.272,
272.185

 0, 44.272, 272.185

 43, 44.272,

 43, 44.272,

272.185

■ 43, 44.341,
272.269

272.185

■ 45, 40.590,
267.370

■ 48, 36.948,
262.799

■ 50, 33.175,
258.768

■ 53, 29.178,
255.321

■ 56, 24.910,
252.433

■ 59, 20.360,
250.045

■ 62, 15.549,
248.081

■ 65, 10.509,
246.475

Harmonies

Complementary

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



43, 44.272, 272.185



44, 67.194, 53.388

Rectangle

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



43, 44.272, 272.185



43, 44.272, 322.185



43, 44.272, 92.185



43, 44.272, 142.185

Sweetspot

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



43, 44.271, 272.186



78, 19.318, 248.207



63, 73.582, 144.786



40, 13.182, 248.982



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



43, 44.271, 272.186



55, 54.652, 273.218



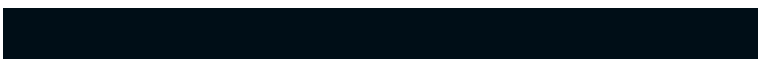
22, 95.772, 304.867



35, 3.028, 245.121



37, 39.325, 271.607



3, 6.827, 255.092

Inverse Universe

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



38, 65.841, 352.798



50, 79.801, 353.448



64, 68.031, 96.039



34, 4.971, 339.334



32, 59.095, 352.441



2, 9.729, 343.481

Previews

White Background



This preview shows how the CIE LCh color 43, 44.272, 272.185 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, 44.272, 272.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

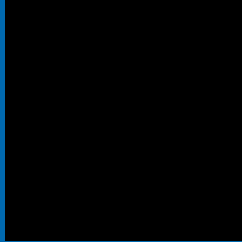
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 44.272, 272.185

Background



This preview shows how black text looks on a background with the CIELCh color 43, 44.272, 272.185.




This preview shows how white text looks on a background with the CIELCh color 43, 44.272, 272.185.

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
43, 26.594, 207.182

Trichromacy



Original Color
43, 44.287, 272.130

Protanomaly
43, 43.206, 278.394

Deuteranomaly
43, 44.324, 274.880

Tritanomaly
43, 28.524, 238.856

Monochromacy



Original Color
43, 44.287, 272.130

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 19.665, 254.049

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 44.272, 272.185 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(0, 105, 175)` looks like.

```
.text, #text, p{  
    color:rgb(0, 105, 175)  
}
```

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(0, 105, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 105, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 44.272, 272.185 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(0, 105, 175) }
```

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

```
.border{ border-color:rgb(0, 105, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 105, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 105, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 105, 175);  
box-shadow:4px 4px 4px 4px rgb(0, 105,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 44.272, 272.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 105, 175) }
```

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

```
.background{ background-color: rgb(0, 105,  
175) }
```

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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