

Converting Colors

CIELCh(43, 44.498, 265.374)

Have a look what the booklet for
CIELCh(43, 44.498, 265.374)
contains.

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Color

CIELCh(44, 43.287, 270.518)

Conversions

Conversions Part 1

Format	Color
Hex	036CB0
RGB	3, 108, 176
RGB Percent	1%, 42%, 69%
CMY	0.9864, 0.5772, 0.3102
CMYK	0.98, 0.39, 0.00, 0.31
HSL	204°, 96%, 35%
HSV	204°, 98%, 69%
XYZ	13.2126, 13.8382, 42.9990
YIQ	84.3570, -84.4080, -1.1120

Conversions

Conversions Part 2

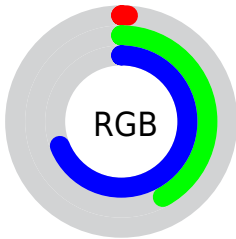
Format	Color
R _Y B	3, 68, 176
Decimal	224432
CIE Lab	44.00, 0.39, -43.29
CIE LCh	44, 43.287, 270.518
Yxy	13.8382, 0.1886, 0.1975
Android (android.graphics.Color)	4278414512 (0xFF036CB0)
YUV	84.3570, 45.1800, -71.3501
Hunter-Lab	37.1997, -1.6999, -42.4932

Details

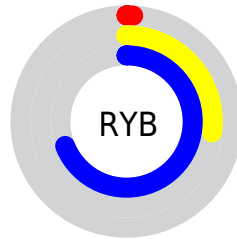
The CIELCh color **44, 43.287, 270.518** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **44, 66.657, 53.204**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 43.252, 270.284**, and **26, 40.997, 282.744** is the 20% darker color. If you saturate the color by 10%, you get **44, 44.017, 271.438**, and if you desaturate by 10%, it is **46, 39.722, 265.661**.

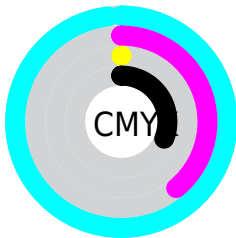
Distribution



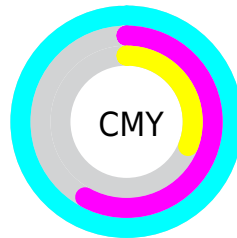
- Red (1%)
- Green (42%)
- Blue (69%)



- Red (1%)
- Yellow (27%)
- Blue (69%)



- Cyan (98%)
- Magenta (39%)
- Yellow (0%)
- Black (31%)





- Cyan (99%)
- Magenta (58%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 43.287, 270.518 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 44, 43.287, 270.518 by changing the saturation by 10% instead.


 44, 43.287,
270.518


 44, 43.287,
270.518


 100, 43.287,
270.518

 34, 43.287,
270.518

 64, 43.287,
270.518


 24, 43.287,
270.518

 74, 43.287,
270.518

 14, 43.287,
270.518


 84, 43.287,
270.518

 4, 43.287, 270.518

 94, 43.287,
270.518

 0, 43.287, 270.518

 44, 43.287,

 44, 43.287,

270.518

■ 44, 44.017,
271.438

270.518

■ 46, 39.722,
265.661

■ 49, 36.140,
261.175

■ 51, 32.394,
257.253

■ 54, 28.396,
253.921

■ 57, 24.108,
251.143

■ 60, 19.528,
248.853

■ 63, 14.682,
246.977

■ 66, 9.605, 245.446

Harmonies

Complementary

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



44, 43.287, 270.518



44, 66.657, 53.204

Rectangle

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



44, 43.287, 270.518



44, 43.287, 320.518



44, 43.287, 90.518



44, 43.287, 140.518

Sweetspot

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



44, 43.286, 270.519



80, 18.807, 247.231



63, 74.197, 144.471



41, 12.788, 247.990



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



44, 43.286, 270.519



56, 54.452, 272.402



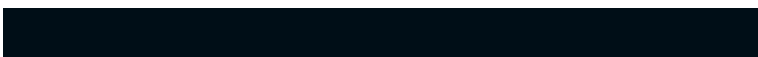
23, 93.929, 304.267



35, 3.020, 244.361



37, 38.851, 270.747



3, 6.798, 254.419

Inverse Universe

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



39, 66.170, 351.800



50, 80.685, 352.931



64, 67.282, 94.930



34, 4.992, 339.043



32, 59.261, 351.925



2, 9.771, 343.153

Previews

White Background



This preview shows how the CIE LCh color 44, 43.287, 270.518 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 44, 43.287, 270.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

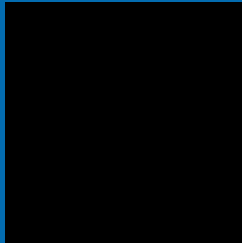
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 43.287, 270.518

Background



This preview shows how black text looks on a background with the CIELCh color 44, 43.287, 270.518.



This preview shows how white text looks on a background with the CIELCh color 44, 43.287, 270.518.

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
44, 26.936, 207.010

Trichromacy



Original Color
44, 43.249, 270.389

Protanomaly
43, 42.486, 278.129

Deuteranomaly
44, 44.144, 275.002

Tritanomaly
44, 28.478, 237.136

Monochromacy



Original Color
44, 43.249, 270.389

Achromatopsia
36, 0.005, 296.813

Achromatomaly
38, 18.784, 250.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 43.287, 270.518 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(3, 108, 176)` looks like.

```
.text, #text, p{  
    color:rgb(3, 108, 176)  
}
```

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(3, 108, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 108, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 43.287, 270.518 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(3, 108, 176) }
```

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

```
.border{ border-color:rgb(3, 108, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 108, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 108, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 108, 176);  
box-shadow:4px 4px 4px 4px rgb(3, 108,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 43.287, 270.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 108, 176) }
```

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

```
.background{ background-color: rgb(3, 108,  
176) }
```

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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