

Converting Colors

CIELCh(44, 37.439, 261.836)

Have a look what the booklet for
CIELCh(44, 37.439, 261.836)
contains.

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Color

CIELCh(44, 37.220, 261.593)

Conversions

Conversions Part 1

Format	Color
Hex	006EA5
RGB	0, 110, 165
RGB Percent	0%, 43%, 65%
CMY	1.0000, 0.5690, 0.3534
CMYK	1.00, 0.33, 0.00, 0.35
HSL	200°, 100%, 32%
HSV	200°, 100%, 65%
XYZ	12.3399, 13.8382, 37.5620
YIQ	83.3800, -83.2150, -6.2150

Conversions

Conversions Part 2

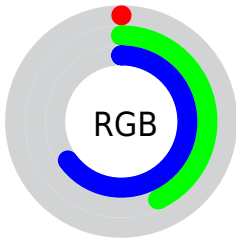
Format	Color
RYB	0, 66, 165
Decimal	28325
CIELab	44.00, -5.44, -36.82
CIELCh	44, 37.220, 261.593
Yxy	13.8382, 0.1936, 0.2171
Android (android.graphics.Color)	4278218405 (0xFF006EA5)
YUV	83.3800, 40.2387, -73.1243
Hunter-Lab	37.1997, -5.8876, -33.8276

Details

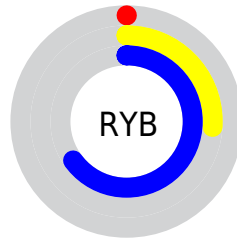
The CIELCh color **44, 37.220, 261.593** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **39, 66.783, 49.445**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 37.167, 261.746**, and **26, 33.907, 275.470** is the 20% darker color. If you saturate the color by 10%, you get **44, 37.211, 261.620**, and if you desaturate by 10%, it is **46, 34.765, 256.829**.

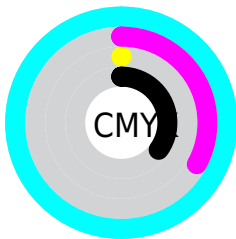
Distribution



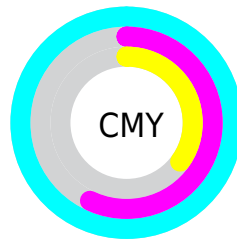
- Red (0%)
- Green (43%)
- Blue (65%)



- Red (0%)
- Yellow (26%)
- Blue (65%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (57%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 37.220, 261.593 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, 37.220, 261.593 by changing the saturation by 10% instead.

■ 44, 37.220,
261.593

■ 44, 37.220,
261.593

■ 100, 37.220,
261.593

■ 34, 37.220,
261.593

■ 64, 37.220,
261.593

■ 24, 37.220,
261.593

■ 74, 37.220,
261.593

■ 14, 37.220,
261.593

■ 84, 37.220,
261.593

■ 4, 37.220, 261.593

■ 94, 37.220,
261.593

■ 0, 37.220, 261.593

■ 44, 37.220,

■ 44, 37.220,

261.593

■ 44, 37.211,
261.620

261.593

■ 46, 34.765,
256.829

■ 48, 32.234,
252.397

■ 50, 29.422,
248.603

■ 52, 26.250,
245.440

■ 55, 22.686,
242.852

■ 57, 18.742,
240.757

■ 60, 14.452,
239.074

■ 62, 9.865, 237.729

Harmonies

Complementary

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



44, 37.220, 261.593



39, 66.783, 49.445

Rectangle

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



44, 37.220, 261.593



44, 37.220, 311.593



44, 37.220, 81.593



44, 37.220, 131.593

Sweetspot

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



44, 37.211, 261.620



76, 17.857, 239.157



59, 74.353, 142.401



38, 12.033, 239.792



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



44, 37.211, 261.620



57, 45.709, 262.655



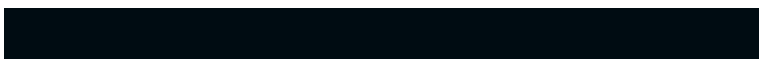
22, 86.758, 303.246



33, 2.827, 236.614



39, 33.717, 261.025



3, 4.523, 242.832

Inverse Universe

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



36, 65.366, 347.210



47, 79.141, 347.685



58, 62.713, 90.827



32, 4.959, 336.277



32, 59.713, 346.943



1, 7.347, 338.218

Previews

White Background



This preview shows how the CIE LCh color 44, 37.220, 261.593 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, 37.220, 261.593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

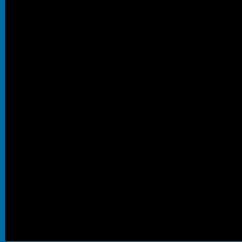
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 37.220, 261.593

Background



This preview shows how black text looks on a background with the CIELCh color 44, 37.220, 261.593.



This preview shows how white text looks on a background with the CIELCh color 44, 37.220, 261.593.

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
44, 37.220, 261.593

Protanomaly
43, 35.411, 271.991

Deuteranomaly
44, 38.045, 271.303

Monochromacy



Original Color
44, 37.220, 261.593

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 17.603, 243.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 37.220, 261.593 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, 110, 165)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 165)  
}
```

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, 110, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 37.220, 261.593 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, 110, 165) }
```

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

```
.border{ border-color:rgb(0, 110, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 110, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 165);  
box-shadow:4px 4px 4px 4px rgb(0, 110,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 37.220, 261.593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 110, 165) }
```

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

```
.background{ background-color: rgb(0, 110,  
165) }
```

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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