

Converting Colors

CIELCh(41, 46.033, 275.813)

Have a look what the booklet for
CIELCh(41, 46.033, 275.813)
contains.

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Color

CIELCh(41, 45.835, 275.527)

Conversions

Conversions Part 1

Format	Color
Hex	0363AC
RGB	3, 99, 172
RGB Percent	1%, 39%, 67%
CMY	0.9882, 0.6127, 0.3266
CMYK	0.98, 0.42, 0.00, 0.33
HSL	206°, 97%, 34%
HSV	206°, 98%, 67%
XYZ	11.8957, 11.8645, 40.5539
YIQ	78.6180, -80.6490, 2.3510

Conversions

Conversions Part 2

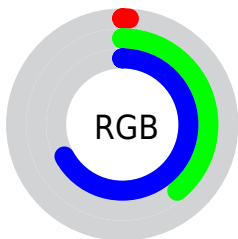
Format	Color
RYB	3, 64, 172
Decimal	222124
CIELab	41.00, 4.41, -45.62
CIELCh	41, 45.835, 275.527
Yxy	11.8645, 0.1850, 0.1845
Android (android.graphics.Color)	4278412204 (0xFF0363AC)
YUV	78.6180, 46.0373, -66.3170
Hunter-Lab	34.4449, 1.3673, -45.6939

Details

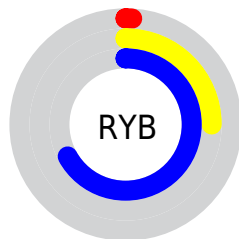
The CIELCh color **41, 45.835, 275.527** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **44, 64.321, 55.874**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 46.017, 275.614**, and **23, 43.953, 287.213** is the 20% darker color. If you saturate the color by 10%, you get **41, 46.584, 276.311**, and if you desaturate by 10%, it is **43, 41.697, 270.800**.

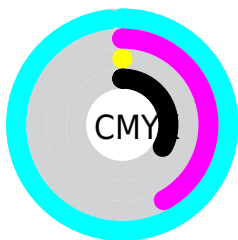
Distribution



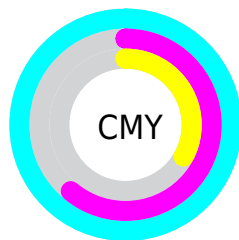
- Red (1%)
- Green (39%)
- Blue (67%)



- Red (1%)
- Yellow (25%)
- Blue (67%)



- Cyan (98%)
- Magenta (42%)
- Yellow (0%)
- Black (33%)



- Cyan (99%)
- Magenta (61%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 45.835, 275.527 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 41, 45.835, 275.527 by changing the saturation by 10% instead.

■ 41, 45.835,
275.527

■ 41, 45.835,
275.527

■ 100, 45.835,
275.527

■ 31, 45.835,
275.527

■ 61, 45.835,
275.527

■ 21, 45.835,
275.527

■ 71, 45.835,
275.527

■ 11, 45.835,
275.527

■ 81, 45.835,
275.527

■ 1, 45.835, 275.527

■ 91, 45.835,
275.527

■ 0, 45.835, 275.527

■ 41, 45.835,

■ 41, 45.835,

275.527

■ 41, 46.584,
276.311

275.527

■ 43, 41.697,
270.800

■ 46, 37.614,
266.352

■ 49, 33.453,
262.406

■ 52, 29.128,
259.009

■ 55, 24.593,
256.143

■ 58, 19.839,
253.753

■ 61, 14.878,
251.773

■ 64, 9.738, 250.137

Harmonies

Complementary

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



41, 45.835, 275.527



44, 64.321, 55.874

Rectangle

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



41, 45.835, 275.527



41, 45.835, 325.527



41, 45.835, 95.527



41, 45.835, 145.527

Sweetspot

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



41, 45.835, 275.529



78, 18.949, 252.004



62, 70.809, 145.808



39, 12.906, 252.795



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



41, 45.835, 275.529



53, 57.793, 277.267



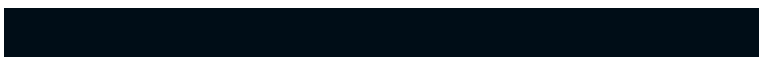
22, 94.520, 304.945



35, 3.075, 248.936



36, 41.873, 275.739



3, 6.989, 258.366

Inverse Universe

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



37, 64.009, 355.007



49, 78.166, 356.241



64, 67.572, 97.376



34, 4.863, 340.857



32, 58.338, 355.139



2, 9.524, 345.167

Previews

White Background



This preview shows how the CIE LCh color 41, 45.835, 275.527 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 41, 45.835, 275.527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

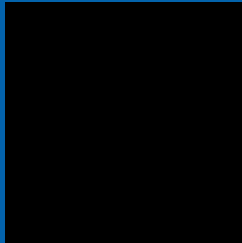
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 45.835, 275.527

Background



This preview shows how black text looks on a background with the CIELCh color 41, 45.835, 275.527.



This preview shows how white text looks on a background with the CIELCh color 41, 45.835, 275.527.

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


41, 45.848, 275.471

Protanopia

41, 44.441, 286.186

Deuteranopia

41, 46.050, 277.795



Tritanopia
41, 25.563, 207.733

Trichromacy



Original Color
41, 45.848, 275.471

Protanomaly
41, 45.087, 280.471

Deuteranomaly
41, 46.206, 277.055

Tritanomaly
41, 28.056, 242.021

Monochromacy



Original Color
41, 45.848, 275.471

Achromatopsia
33, 0.005, 296.813

Achromatomaly
35, 19.287, 256.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 45.835, 275.527 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, 99, 172)` looks like.

```
.text, #text, p{  
    color:rgb(3, 99, 172)  
}
```

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, 99, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 99, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 45.835, 275.527 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, 99, 172) }
```

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

```
.border{ border-color:rgb(3, 99, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 99, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 99, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 99, 172);  
box-shadow:4px 4px 4px 4px rgb(3, 99, 172)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 45.835, 275.527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 99, 172) }
```

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

```
.background{ background-color: rgb(3, 99,  
172) }
```

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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