

Converting Colors

CIELCh(39, 55.129, 278.978)

Have a look what the booklet for
CIELCh(39, 55.129, 278.978)
contains.

CIELCh(40, 54.226, 282.605)	3
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Color

CIELCh(40, 54.226, 282.605)

Conversions

Conversions Part 1

Format	Color
Hex	025DB5
RGB	2, 93, 181
RGB Percent	1%, 36%, 71%
CMY	0.9938, 0.6340, 0.2886
CMYK	0.99, 0.49, 0.00, 0.29
HSL	209°, 98%, 36%
HSV	209°, 99%, 71%
XYZ	12.3449, 11.2510, 45.4505
YIQ	75.8230, -82.4840, 8.0760

Conversions

Conversions Part 2

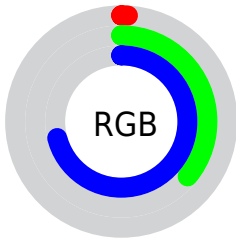
Format	Color
RYB	2, 62, 181
Decimal	155061
CIELab	40.00, 11.83, -52.92
CIELCh	40, 54.226, 282.605
Yxy	11.2510, 0.1788, 0.1629
Android (android.graphics.Color)	4278345141 (0xFF025DB5)
YUV	75.8230, 51.8523, -64.7428
Hunter-Lab	33.5425, 6.9952, -56.8590

Details

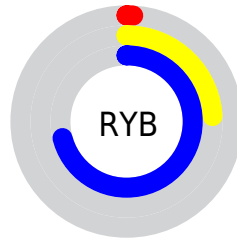
The CIELCh color **40, 54.226, 282.605** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **48, 65.832, 59.990**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 54.226, 282.662**, and **22, 52.380, 292.606** is the 20% darker color. If you saturate the color by 10%, you get **40, 54.710, 282.975**, and if you desaturate by 10%, it is **43, 48.843, 278.111**.

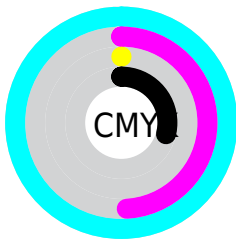
Distribution



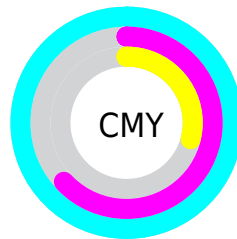
- Red (1%)
- Green (36%)
- Blue (71%)



- Red (1%)
- Yellow (24%)
- Blue (71%)



- Cyan (99%)
- Magenta (49%)
- Yellow (0%)
- Black (29%)




- Cyan (99%)
- Magenta (63%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 54.226, 282.605 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 40, 54.226, 282.605 by changing the saturation by 10% instead.


 40, 54.226,
282.605

 40, 54.226,
282.605


 100, 54.226,
282.605


 30, 54.226,
282.605

 60, 54.226,
282.605


 20, 54.226,
282.605

 70, 54.226,
282.605

 10, 54.226,
282.605

 80, 54.226,
282.605

 0, 54.226, 282.605

 90, 54.226,
282.605

 40, 54.226,

 40, 54.226,

282.605

■ 40, 54.710,
282.975

282.605

■ 43, 48.843,
278.111

■ 46, 43.613,
273.756

■ 49, 38.426,
269.806

■ 52, 33.197,
266.341

■ 56, 27.867,
263.370

■ 59, 22.411,
260.857

■ 63, 16.827,
258.746

■ 67, 11.131,
256.981

Harmonies

Complementary

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



40, 54.226, 282.605



48, 65.832, 59.990

Rectangle

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



40, 54.226, 282.605



40, 54.226, 332.605



40, 54.226, 102.605



40, 54.226, 152.605

Sweetspot

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



40, 54.226, 282.607



79, 21.338, 259.014



65, 69.718, 148.537



40, 14.495, 259.864



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



40, 54.226, 282.607



51, 67.422, 283.790



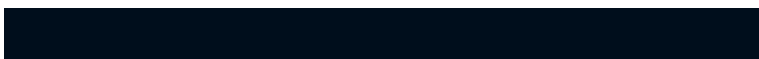
22, 102.412, 306.004



37, 3.350, 255.549



34, 48.275, 282.381



4, 10.115, 266.512

Inverse Universe

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



39, 65.636, 0.639



51, 79.603, 1.731



71, 73.944, 101.825



36, 4.902, 343.819



33, 58.766, 0.423



3, 12.280, 350.199

Previews

White Background



This preview shows how the CIE LCh color 40, 54.226, 282.605 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 CIELCh color 40, 54.226, 282.605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

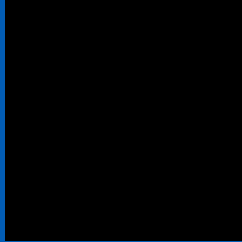
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 54.226, 282.605

Background



This preview shows how black text looks on a background with the CIELCh color 40, 54.226, 282.605.



This preview shows how white text looks on a background with the CIELCh color 40, 54.226, 282.605.

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

40, 54.208, 282.695

Protanopia

40, 53.683, 286.959

Deuteranopia

40, 45.407, 275.734



Tritanopia
40, 25.352, 204.975

Trichromacy



Original Color
40, 54.208, 282.695

Protanomaly
40, 53.946, 284.674

Deuteranomaly
40, 48.642, 278.609

Tritanomaly
40, 29.003, 247.669

Monochromacy



Original Color
40, 54.208, 282.695

Achromatopsia
32, 0.005, 296.813

Achromatomaly
34, 22.069, 265.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 54.226, 282.605 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(2, 93, 181)` looks like.

```
.text, #text, p{  
    color:rgb(2, 93, 181)  
}
```

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(2, 93, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 93, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 54.226, 282.605 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(2, 93, 181) }
```

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

```
.border{ border-color:rgb(2, 93, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 93, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 93, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 93, 181);  
box-shadow:4px 4px 4px 4px rgb(2, 93, 181)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 40, 54.226, 282.605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 93, 181) }
```

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

```
.background{ background-color: rgb(2, 93,  
181) }
```

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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