

Converting Colors

CIELCh(41, 44.319, 276.697)

Have a look what the booklet for
CIELCh(41, 44.319, 276.697)
contains.

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Color

CIELCh(41, 44.385, 276.767)

Conversions

Conversions Part 1

Format	Color
Hex	1B62A9
RGB	27, 98, 169
RGB Percent	11%, 38%, 66%
CMY	0.8930, 0.6152, 0.3367
CMYK	0.84, 0.42, 0.00, 0.34
HSL	210°, 72%, 39%
HSV	210°, 84%, 66%
XYZ	12.0125, 11.8645, 39.2607
YIQ	84.8650, -65.1070, 7.0290

Conversions

Conversions Part 2

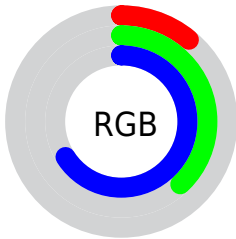
Format	Color
R_{YB}	27, 74, 169
Decimal	1794729
CIE Lab	41.00, 5.23, -44.08
CIE LCh	41, 44.385, 276.767
Yxy	11.8645, 0.1903, 0.1879
Android (android.graphics.Color)	4279984809 (0xFF1B62A9)
YUV	84.8650, 41.4786, -50.7476
Hunter-Lab	34.4449, 1.9722, -43.4679

Details

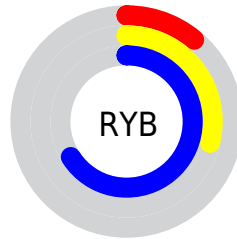
The CIELCh color **41, 44.385, 276.767** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **49, 54.511, 64.466**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 44.603, 277.057**, and **23, 42.804, 286.839** is the 20% darker color. If you saturate the color by 10%, you get **38, 49.551, 281.179**, and if you desaturate by 10%, it is **44, 39.312, 272.679**.

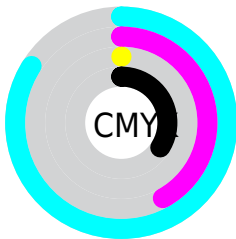
Distribution



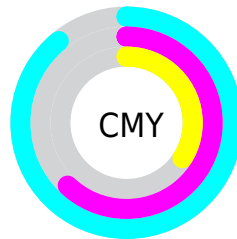
- Red (11%)
- Green (38%)
- Blue (66%)



- Red (11%)
- Yellow (29%)
- Blue (66%)



- Cyan (84%)
- Magenta (42%)
- Yellow (0%)
- Black (34%)



- Cyan (89%)
- Magenta (62%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 44.385, 276.767 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, 44.385, 276.767 by changing the saturation by 10% instead.


 41, 44.385,
276.767

 41, 44.385,
276.767


 100, 44.385,
276.767

 31, 44.385,
276.767

 61, 44.385,
276.767


 21, 44.385,
276.767

 71, 44.385,
276.767

 11, 44.385,
276.767

 81, 44.385,
276.767

 1, 44.385, 276.767

 91, 44.385,
276.767

 0, 44.385, 276.767

 41, 44.385,

 41, 44.385,

276.767

■ 38, 49.551,
281.179

■ 37, 52.821,
283.810

276.767

■ 44, 39.312,
272.679

■ 47, 34.252,
269.032

■ 50, 29.138,
265.867

■ 54, 23.932,
263.167

■ 57, 18.621,
260.888

■ 61, 13.211,
258.972

■ 64, 7.720, 257.368

■ 68, 2.168, 256.106

Harmonies

Complementary

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



41, 44.385, 276.767



49, 54.511, 64.466

Rectangle

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



41, 44.385, 276.767



41, 44.385, 326.767



41, 44.385, 96.767



41, 44.385, 146.767

Sweetspot

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



41, 44.385, 276.768



77, 17.075, 259.252



61, 58.430, 152.747



39, 11.607, 259.875



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



41, 44.385, 276.768



47, 65.255, 284.678



23, 88.278, 304.347



34, 3.144, 256.732



32, 47.344, 283.268



2, 6.106, 262.624

Inverse Universe

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



38, 59.406, 356.072



47, 75.555, 2.593



67, 66.893, 103.275



33, 4.528, 344.399



31, 56.539, 1.238



2, 7.797, 347.612

Previews

White Background



This preview shows how the CIELCh color 41, 44.385, 276.767 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, 44.385, 276.767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

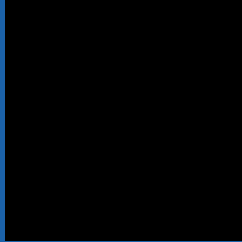
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 44.385, 276.767

Background



This preview shows how black text looks on a background with the CIELCh color 41, 44.385, 276.767.



This preview shows how white text looks on a background with the CIELCh color 41, 44.385, 276.767.

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, 44.385, 276.767

Protanopia

41, 43.257, 285.946

Deuteranopia

41, 44.222, 277.566



Tritanopia
41, 25.563, 207.733

Trichromacy



Original Color
41, 44.385, 276.767

Protanomaly
41, 44.260, 282.280

Deuteranomaly
41, 44.279, 277.283

Tritanomaly
41, 27.388, 241.599

Monochromacy



Original Color
41, 44.385, 276.767

Achromatopsia
36, 0.005, 296.813

Achromatomaly
37, 17.956, 262.960

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 44.385, 276.767 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(27, 98, 169)` looks like.

```
.text, #text, p{  
    color:rgb(27, 98, 169)  
}
```

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(27, 98, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 98, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 44.385, 276.767 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(27, 98, 169) }
```

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

```
.border{ border-color:rgb(27, 98, 169) }
```

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

Here you see how a box with a 4 pixel rgb(27, 98, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 98, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 98, 169);  
box-shadow:4px 4px 4px 4px rgb(27, 98,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 44.385, 276.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 98, 169) }
```

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

```
.background{ background-color: rgb(27, 98,  
169) }
```

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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