

Converting Colors

CIELCh(41, 44.132, 278.022)

Have a look what the booklet for
CIELCh(41, 44.132, 278.022)
contains.

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Color

CIELCh(41, 44.162, 277.866)

Conversions

Conversions Part 1

Format	Color
Hex	2262A9
RGB	34, 98, 169
RGB Percent	13%, 38%, 66%
CMY	0.8652, 0.6171, 0.3388
CMYK	0.80, 0.42, 0.00, 0.34
HSL	212°, 66%, 40%
HSV	212°, 80%, 66%
XYZ	12.1297, 11.8645, 38.9888
YIQ	86.9580, -60.9350, 8.5130

Conversions

Conversions Part 2

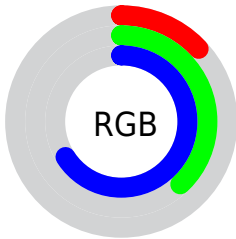
Format	Color
R_{YB}	34, 77, 169
Decimal	2253481
CIE _{Lab}	41.00, 6.04, -43.75
CIE _{LCh}	41, 44.162, 277.866
Yxy	11.8645, 0.1926, 0.1884
Android (android.graphics.Color)	4280443561 (0xFF2262A9)
YUV	86.9580, 40.4467, -46.4442
Hunter-Lab	34.4449, 2.5799, -42.9999

Details

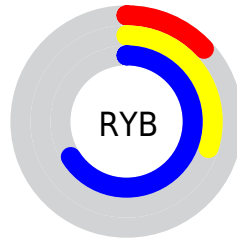
The CIELCh color **41, 44.162, 277.866** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **50, 51.658, 67.738**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 44.443, 277.885**, and **23, 42.804, 286.839** is the 20% darker color. If you saturate the color by 10%, you get **38, 49.716, 282.051**, and if you desaturate by 10%, it is **44, 38.706, 274.030**.

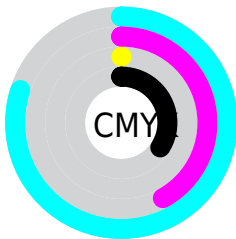
Distribution



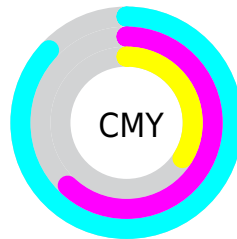
- Red (13%)
- Green (38%)
- Blue (66%)



- Red (13%)
- Yellow (30%)
- Blue (66%)



- Cyan (80%)
- Magenta (42%)
- Yellow (0%)
- Black (34%)



- Cyan (87%)
- Magenta (62%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 44.162, 277.866 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, 44.162, 277.866 by changing the saturation by 10% instead.

 41, 44.162,
277.866

 41, 44.162,
277.866

 100, 44.162,
277.866

 31, 44.162,
277.866

 61, 44.162,
277.866

 21, 44.162,
277.866

 71, 44.162,
277.866

 11, 44.162,
277.866

 81, 44.162,
277.866

 1, 44.162, 277.866

 91, 44.162,
277.866

 0, 44.162, 277.866

 41, 44.162,

 41, 44.162,

277.866

277.866

■ 38, 49.716,
282.051

■ 44, 38.706,
274.030

■ 35, 55.448,
286.282

■ 48, 33.280,
270.630

■ 35, 55.676,
286.435

■ 51, 27.830,
267.687

■ 55, 22.327,
265.177

■ 58, 16.761,
263.052

■ 62, 11.139,
261.259

■ 66, 5.475, 259.760

■ 69, 0.214, 76.986

Harmonies

Complementary

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



41, 44.162, 277.866



50, 51.658, 67.738

Rectangle

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



41, 44.162, 277.866



41, 44.162, 327.866



41, 44.162, 97.866



41, 44.162, 147.866

Sweetspot

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



41, 44.162, 277.867



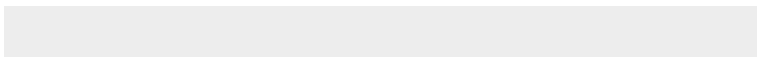
77, 16.857, 262.085



61, 55.304, 154.463



39, 11.549, 262.713



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, 44.162, 277.867



47, 66.110, 285.581



25, 84.032, 303.739



34, 3.219, 259.716



31, 50.016, 285.925



2, 6.243, 264.900

Inverse Universe

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



39, 57.302, 357.003



47, 74.791, 3.559



67, 64.849, 104.352



33, 4.445, 345.954



31, 56.321, 3.861



2, 7.676, 349.062

Previews

White Background



This preview shows how the CIE LCh color 41, 44.162, 277.866 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, 44.162, 277.866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

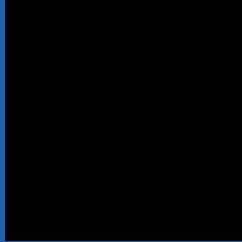
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 44.162, 277.866

Background



This preview shows how black text looks on a background with the CIELCh color 41, 44.162, 277.866.



This preview shows how white text looks on a background with the CIELCh color 41, 44.162, 277.866.

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, 44.192, 277.714

Protanopia

41, 43.257, 285.946

Deuteranopia

41, 44.162, 277.866



Tritanopia
41, 25.563, 207.733

Trichromacy



Original Color
41, 44.192, 277.714

Protanomaly
41, 43.593, 282.647

Deuteranomaly
41, 44.162, 277.866

Tritanomaly
41, 27.014, 240.546

Monochromacy



Original Color
41, 44.192, 277.714

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 17.540, 265.595

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 44.162, 277.866 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(34, 98, 169)` looks like.

```
.text, #text, p{  
    color:rgb(34, 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(34, 98, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 98, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 44.162, 277.866 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(34, 98, 169) }
```

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

```
.border{ border-color:rgb(34, 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(34, 98, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 98, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 98, 169);  
box-shadow:4px 4px 4px 4px rgb(34, 98,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 44.162, 277.866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 98, 169) }
```

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

```
.background{ background-color: rgb(34, 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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