

Converting Colors

CIELCh(38, 44.239, 277.247)

Have a look what the booklet for
CIELCh(38, 44.239, 277.247)
contains.

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Color

CIELCh(38, 44.254, 277.171)

Conversions

Conversions Part 1

Format	Color
Hex	0C5BA1
RGB	12, 91, 161
RGB Percent	5%, 36%, 63%
CMY	0.9520, 0.6440, 0.3696
CMYK	0.92, 0.44, 0.00, 0.37
HSL	208°, 86%, 34%
HSV	208°, 92%, 63%
XYZ	10.2874, 10.0881, 35.0057
YIQ	75.3590, -69.5540, 5.0220

Conversions

Conversions Part 2

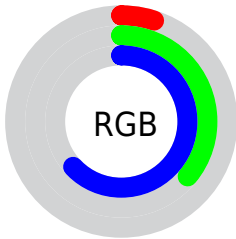
Format	Color
R_{YB}	12, 64, 161
Decimal	809889
CIE _{Lab}	38.00, 5.52, -43.91
CIE _{LCh}	38, 44.254, 277.171
Yxy	10.0881, 0.1858, 0.1822
Android (android.graphics.Color)	4278999969 (0xFF0C5BA1)
YUV	75.3590, 42.2210, -55.5658
Hunter-Lab	31.7617, 2.2322, -43.1125

Details

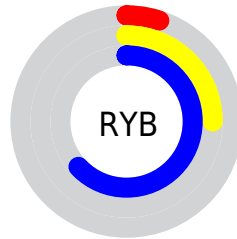
The CIELCh color **38, 44.254, 277.171** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **44, 57.248, 60.290**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 43.916, 276.638**, and **20, 42.678, 288.675** is the 20% darker color. If you saturate the color by 10%, you get **36, 47.771, 280.554**, and if you desaturate by 10%, it is **41, 39.783, 272.712**.

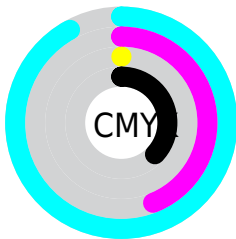
Distribution



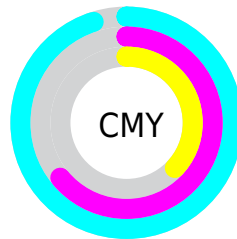
- Red (5%)
- Green (36%)
- Blue (63%)



- Red (5%)
- Yellow (25%)
- Blue (63%)



- Cyan (92%)
- Magenta (44%)
- Yellow (0%)
- Black (37%)





- Cyan (95%)
- Magenta (64%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 44.254, 277.171 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 38, 44.254, 277.171 by changing the saturation by 10% instead.


 38, 44.254,
277.171


 38, 44.254,
277.171

 100, 44.254,
277.171


 28, 44.254,
277.171

 58, 44.254,
277.171

 18, 44.254,
277.171


 68, 44.254,
277.171

 8, 44.254, 277.171

 78, 44.254,
277.171

 0, 44.254, 277.171

 88, 44.254,
277.171

 98, 44.254,
277.171

■ 38, 44.254,
277.171

■ 38, 44.254,
277.171

■ 36, 47.771,
280.554

■ 41, 39.783,
272.712

■ 43, 35.345,
268.643

■ 46, 30.852,
265.062

■ 49, 26.247,
261.985

■ 52, 21.501,
259.381

■ 56, 16.611,
257.197

■ 59, 11.592,
255.372

■ 62, 6.464, 253.856

Harmonies

Complementary

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



38, 44.254, 277.171



44, 57.248, 60.290

Rectangle

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



38, 44.254, 277.171



38, 44.254, 327.171



38, 44.254, 97.171



38, 44.254, 147.171

Sweetspot

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



38, 44.254, 277.172



72, 17.864, 256.455



58, 61.758, 149.392



36, 12.257, 257.240



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



38, 44.254, 277.172



47, 59.132, 281.512



20, 89.030, 304.958



33, 2.998, 253.448



33, 44.019, 280.117



2, 4.869, 257.664

Inverse Universe

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



35, 59.496, 356.250



45, 73.329, 359.653



63, 65.388, 101.028



32, 4.502, 342.823



31, 56.207, 358.469



1, 6.701, 344.792

Previews

White Background



This preview shows how the CIELCh color 38, 44.254, 277.171 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 38, 44.254, 277.171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

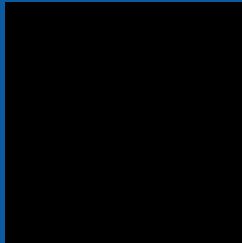
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 44.254, 277.171

Background



This preview shows how black text looks on a background with the CIELCh color 38, 44.254, 277.171.



This preview shows how white text looks on a background with the CIELCh color 38, 44.254, 277.171.

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





Tritanopia
38, 24.230, 206.998

Trichromacy



Original Color
38, 44.269, 277.098

Protanomaly
38, 43.656, 281.942

Deuteranomaly
38, 44.284, 277.029

Tritanomaly
38, 26.426, 242.567

Monochromacy



Original Color
38, 44.269, 277.098

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 18.058, 260.047

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 44.254, 277.171 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(12, 91, 161)` looks like.

```
.text, #text, p{  
    color:rgb(12, 91, 161)  
}
```

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(12, 91, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 91, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 44.254, 277.171 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(12, 91, 161) }
```

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

```
.border{ border-color:rgb(12, 91, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 91, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 91, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 91, 161);  
box-shadow:4px 4px 4px 4px rgb(12, 91,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 44.254, 277.171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 91, 161) }
```

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

```
.background{ background-color: rgb(12, 91,  
161) }
```

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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