

Converting Colors

CIELCh(34, 39.250, 290.620)

Have a look what the booklet for
CIELCh(34, 39.250, 290.620)
contains.

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Color

CIELCh(34, 38.808, 290.408)

Conversions

Conversions Part 1

Format	Color
Hex	3E4C8A
RGB	62, 76, 138
RGB Percent	24%, 30%, 54%
CMY	0.7573, 0.7023, 0.4592
CMYK	0.55, 0.45, 0.00, 0.46
HSL	229°, 38%, 39%
HSV	229°, 55%, 54%
XYZ	9.1373, 8.0082, 25.0679
YIQ	78.8820, -28.2460, 16.3140

Conversions

Conversions Part 2

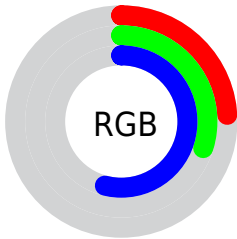
Format	Color
R_{YB}	62, 74, 138
Decimal	4082826
CIE _{Lab}	34.00, 13.53, -36.37
CIE _{LCh}	34, 38.808, 290.408
Yxy	8.0082, 0.2165, 0.1897
Android (android.graphics.Color)	4282272906 (0xFF3E4C8A)
YUV	78.8820, 29.1452, -14.8055
Hunter-Lab	28.2988, 8.1123, -32.7117

Details

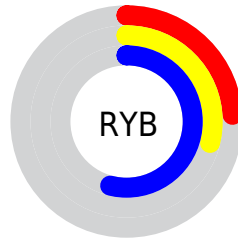
The CIELCh color **34, 38.808, 290.408** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **52, 35.540, 95.054**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 38.614, 290.135**, and **14, 38.148, 290.594** is the 20% darker color. If you saturate the color by 10%, you get **30, 46.643, 292.923**, and if you desaturate by 10%, it is **38, 31.232, 288.179**.

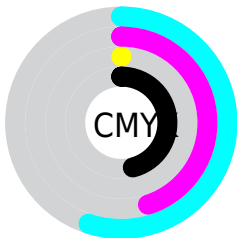
Distribution



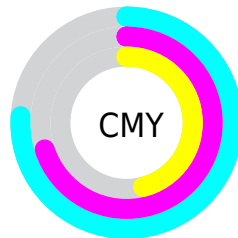
- Red (24%)
- Green (30%)
- Blue (54%)



- Red (24%)
- Yellow (29%)
- Blue (54%)



- Cyan (55%)
- Magenta (45%)
- Yellow (0%)
- Black (46%)



- Cyan (76%)
- Magenta (70%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 38.808, 290.408 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 34, 38.808, 290.408 by changing the saturation by 10% instead.

 34, 38.808,
290.408

 34, 38.808,
290.408

 100, 38.808,
290.408

 24, 38.808,
290.408

 54, 38.808,
290.408

 14, 38.808,
290.408

 64, 38.808,
290.408

 4, 38.808, 290.408

 74, 38.808,
290.408

 0, 38.808, 290.408

 84, 38.808,
290.408

 94, 38.808,
290.408

■ 34, 38.808,
290.408

■ 34, 38.808,
290.408

■ 30, 46.643,
292.923

■ 38, 31.232,
288.179

■ 26, 54.682,
295.667

■ 42, 23.916,
286.239

■ 22, 62.735,
298.509

■ 47, 16.841,
284.569

■ 19, 70.379,
301.220

■ 51, 9.986, 283.136

■ 18, 73.814,
302.326

■ 55, 3.335, 281.924

■ 60, 3.128, 100.788

■ 64, 9.413, 99.889

■ 68, 15.529, 99.090

■ 72, 21.485, 98.388

Harmonies

Complementary

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



34, 38.808, 290.408



52, 35.540, 95.054

Rectangle

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



34, 38.808, 290.408



34, 38.808, 340.408



34, 38.808, 110.408



34, 38.808, 160.408

Sweetspot

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



34, 38.808, 290.409



64, 13.913, 283.440



52, 27.431, 177.869



32, 9.292, 283.673



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



34, 38.808, 290.409



38, 58.596, 293.538



32, 48.284, 305.911



27, 3.694, 282.385



17, 71.519, 302.228



0, 1.694, 281.328

Inverse Universe

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



37, 34.612, 12.182



43, 51.158, 15.529



54, 42.828, 118.845



27, 3.239, 5.194



27, 56.950, 28.969



0, 1.469, 4.447

Previews

White Background



This preview shows how the CIE LCh color 34, 38.808, 290.408 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 34, 38.808, 290.408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 34, 38.808, 290.408

Background



This preview shows how black text looks on a background with the CIELCh color 34, 38.808, 290.408.



This preview shows how white text looks on a background with the CIELCh color 34, 38.808, 290.408.

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

34, 38.808, 290.408

Protanopia

34, 38.994, 285.986

Deuteranopia

34, 35.990, 277.860



Tritanopia
34, 14.893, 214.911

Trichromacy



Original Color
34, 38.808, 290.408

Protanomaly
34, 38.915, 287.767

Deuteranomaly
34, 36.812, 282.228

Tritanomaly
34, 19.295, 260.992

Monochromacy



Original Color
34, 38.808, 290.408

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 13.913, 284.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 38.808, 290.408 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(62, 76, 138)` looks like.

```
.text, #text, p{  
    color:rgb(62, 76, 138)  
}
```

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(62, 76, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 76, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 38.808, 290.408 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(62, 76, 138) }
```

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

```
.border{ border-color:rgb(62, 76, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 76, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 76, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 76, 138);  
box-shadow:4px 4px 4px 4px rgb(62, 76,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 38.808, 290.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 76, 138) }
```

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

```
.background{ background-color: rgb(62, 76,  
138) }
```

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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