Converting Colors

CIELCh(38, 34.421, 134.735)

Have a look what the booklet for CIELCh(38, 34.421, 134.735) contains.

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Color

CIELCh(38, 34.622, 134.565)

Conversions

Format	Color
Hex	3D6330
RGB	61, 99, 48
RGB Percent	24%, 39%, 19%
CMY	0.7615, 0.6125, 0.8124
CMYK	0.38, 0.00, 0.52, 0.61
HSL	105°, 35%, 29%
HSV	105°, 52%, 39%
XYZ	6.8884, 10.0881, 4.3625
YIQ	81.8240, -6.2770, -23.9170

Conversions Part 1

Conversions

Conversions Part 2

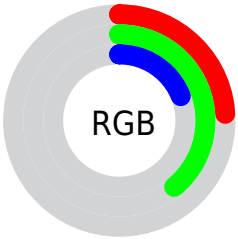
Format	Color
RYB	48, 99, 86
Decimal	4023088
CIELab	38.00, -24.29, 24.67
CIELCh	38, 34.622, 134.565
Yxy	10.0881, 0.3228, 0.4728
Android (android.graphics.Color)	4282213168 (0xFF3D6330)
YUV	81.8240, -16.6752, -18.2626
Hunter-Lab	31.7617, -16.8702, 14.0896

Details

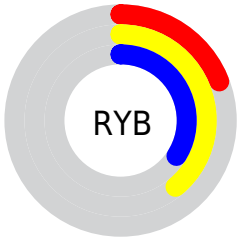
The CIELCh color 38, 34.622, 134.565 is a dark color, and the websafe version is hex 336633. A complement of this color would be 27, 35.587, 319.163, and the grayscale version is 35, 0.005, 296.813.

A 20% lighter version of the original color is 58, 34.629, 134.255, and 18, 34.900, 134.588 is the 20% darker color. If you saturate the color by 10%, you get 37, 40.733, 134.025, and if you desaturate by 10%, it is 39, 28.151, 135.133.

Distribution

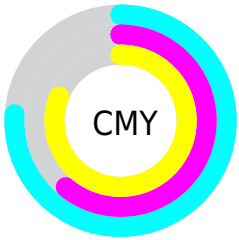


- Red (24%)
- Green (39%)
- Blue (19%)



- Red (19%)
- Yellow (39%)
- Blue (34%)

- Cyan (38%)
- Magenta (0%)
- Yellow (52%)
- Black (61%)



- Cyan (76%)
- Magenta (61%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 34.622, 134.565 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, 34.622, 134.565 by changing the saturation by 10% instead.

38, 34.622, 134.565

38, 34.622, 134.565

100, 34.622, 134.565

28, 34.622, 134.565

58, 34.622, 134.565

18, 34.622, 134.565

68, 34.622, 134.565

8, 34.622, 134.565

0, 34.622, 134.565

78, 34.622, 134.565

88, 34.622, 134.565

98, 34.622, 134.565

38, 34.622, 134.565

37, 40.733, 134.025

37, 46.288, 133.577

37, 51.048, 133.312

36, 54.777, 133.326

36, 57.612, 133.191

38, 34.622, 134.565

39, 28.151, 135.133

39, 21.465, 135.687

40, 14.672, 136.206

41, 7.854, 136.682

42, 1.070, 137.195

43, 5.638, 317.437

44, 12.238, 317.772

45, 18.710, 318.058

46, 25.041, 318.304

Harmonies

Complementary

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

38, 34.622, 134.565

27, 35.587, 319.163

Rectangle

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

38, 34.622, 134.565

38, 34.622, 184.565

38, 34.622, 314.565

38, 34.622, 4.565

Sweetspot

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

38, 34.623, 134.566

52, 12.549, 136.504

37, 23.750, 89.995

26, 8.491, 136.437

77, 0.009, 296.813

27, 0.004, 296.813

Same Dimension

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

38, 34.623, 134.566

48, 50.346, 133.916

38, 31.718, 147.394

20, 3.733, 136.806

41, 63.160, 133.379

84, 111.410, 134.093

Inverse Universe

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

27, 35.587, 319.163

31, 51.916, 319.494

28, 31.766, 335.085

18, 3.757, 317.481

20, 64.723, 319.205

47, 113.435, 318.694

Previews

White Background

This preview shows how the CIELCh color 38, 34.622, 134.565 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

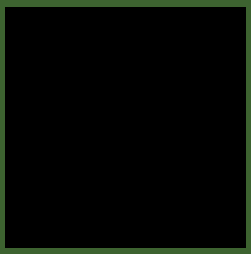
This preview shows how the CIELCh color 38, 34.622, 134.565 looks on a black background.

Color Contrast Check

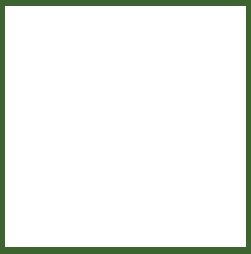
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 38, 34.622, 134.565 Background



This preview shows how black text looks on a background with the CIELCh color 38, 34.622, 134.565.



This preview shows how white text looks on a background with the CIELCh color 38, 34.622, 134.565.

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
38, 34.622, 134.565

Protanopia
38, 26.833, 95.292

Deuteranopia
38, 24.099, 77.399

Tritanopia
38, 9.859, 228.597

Trichromacy

Original Color
38, 34.622, 134.565

Protanomaly
38, 28.129, 113.531

Deuteranomaly
37, 24.031, 105.100

Tritanomaly
38, 14.109, 163.066

Monochromacy

Original Color
38, 34.622, 134.565

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 12.751, 137.245

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 34.622, 134.565 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(61, 99, 48) looks like.

```
.text, #text, p{
    color:rgb(61, 99, 48)
}
```

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(61, 99, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 99, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 34.622, 134.565 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(61, 99, 48) }
```

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

```
.border{ border-color:rgb(61, 99, 48) }
```

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

Here you see how a box with a 4 pixel rgb(61, 99, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(61, 99, 48); -webkit-box-shadow:4px 4px 4px 4px rgb(61, 99, 48); box-shadow:4px 4px 4px 4px rgb(61, 99, 48) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 34.622, 134.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(61, 99, 48) }
```

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

```
.background{ background-color:rgb(61, 99,
48) }
```

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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