

Converting Colors

CIELCh(32, 38.670, 120.423)

Have a look what the booklet for
CIELCh(32, 38.670, 120.423)
contains.

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Color

CIELCh(32, 38.500, 120.074)

Conversions

Conversions Part 1

Format	Color
Hex	3C5211
RGB	60, 82, 17
RGB Percent	24%, 32%, 7%
CMY	0.7637, 0.6774, 0.9322
CMYK	0.27, 0.00, 0.79, 0.68
HSL	80°, 65%, 20%
HSV	80°, 79%, 32%
XYZ	5.0205, 7.0852, 1.6449
YIQ	68.0120, 7.7530, -24.8790

Conversions

Conversions Part 2

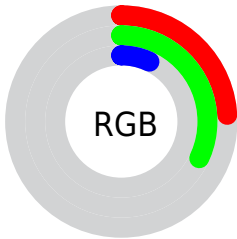
Format	Color
R_{YB}	17, 82, 39
Decimal	3953169
CIE _{Lab}	32.00, -19.29, 33.32
CIE _{LCh}	32, 38.500, 120.074
Yxy	7.0852, 0.3651, 0.5153
Android (android.graphics.Color)	4282143249 (0xFF3C5211)
YUV	68.0120, -25.1489, -7.0265
Hunter-Lab	26.6180, -12.9137, 14.9686

Details

The CIELCh color **32, 38.500, 120.074** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12, 45.332, 308.423**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 38.555, 120.215**, and **12, 24.993, 135.714** is the 20% darker color. If you saturate the color by 10%, you get **32, 41.691, 120.270**, and if you desaturate by 10%, it is **32, 34.601, 120.158**.

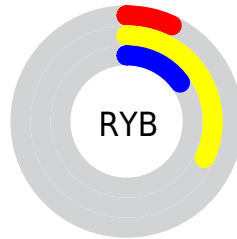
Distribution



Red (24%)

Green (32%)

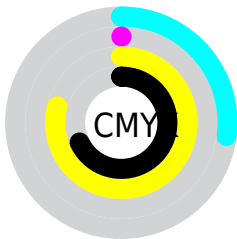
Blue (7%)



Red (7%)

Yellow (32%)

Blue (15%)

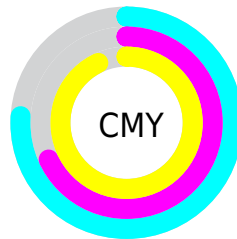


Cyan (27%)

Magenta (0%)

Yellow (79%)

Black (68%)



Cyan (76%)


Magenta (68%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 38.500, 120.074 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 32, 38.500, 120.074 by changing the saturation by 10% instead.


 32, 38.500,
120.074


 32, 38.500,
120.074

 100, 38.500,
120.074


 22, 38.500,
120.074

 52, 38.500,
120.074


 12, 38.500,
120.074


 62, 38.500,
120.074

 2, 38.500, 120.074

 72, 38.500,
120.074

 0, 38.500, 120.074

 82, 38.500,
120.074

 92, 38.500,
120.074

■ 32, 38.500,
120.074

■ 32, 38.500,
120.074

■ 32, 41.691,
120.270

■ 32, 34.601,
120.158

■ 32, 44.755,
120.416

■ 33, 30.180,
120.433

■ 32, 45.085,
120.414

■ 33, 25.404,
120.830

■ 33, 20.397,
121.296

■ 34, 15.247,
121.797

■ 34, 10.014,
122.307

■ 35, 4.742, 122.812

■ 35, 0.538, 303.228

Harmonies

Complementary

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



32, 38.500, 120.074



12, 45.332, 308.423

Rectangle

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



32, 38.500, 120.074



32, 38.500, 170.074



32, 38.500, 300.074



32, 38.500, 350.074

Sweetspot

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



32, 38.500, 120.076



44, 15.718, 122.008



21, 29.340, 51.447



21, 10.665, 121.903



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



32, 38.500, 120.076



41, 52.827, 120.722



30, 44.150, 135.263



16, 2.928, 122.826



40, 53.420, 120.885



84, 96.480, 121.912

Inverse Universe

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



12, 45.332, 308.423



13, 64.970, 309.104



17, 44.538, 322.425



15, 2.974, 303.671



12, 66.533, 309.394



33, 120.302, 308.721

Previews

White Background



This preview shows how the CIELCh color 32, 38.500, 120.074 looks on a white background.

Color Contrast Check

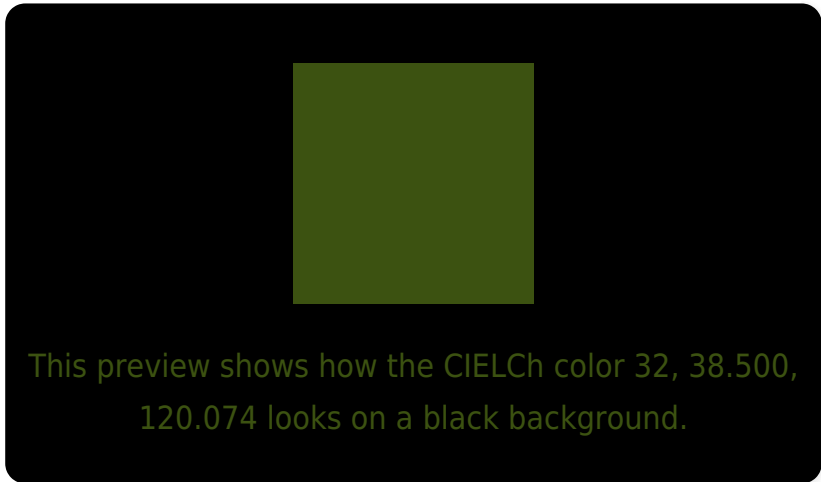
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 32, 38.500, 120.074

Background



This preview shows how black text looks on a background with the CIELCh color 32, 38.500, 120.074.



This preview shows how white text looks on a background with the CIELCh color 32, 38.500, 120.074.

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

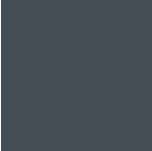
32, 38.500, 120.074

Protanopia

32, 34.960, 95.210

Deuteranopia

32, 31.736, 82.269



Tritanopia
32, 5.220, 245.907

Trichromacy



Original Color
32, 38.500, 120.074

Protanomaly
32, 35.431, 105.478

Deuteranomaly
32, 32.122, 97.793

Tritanomaly
32, 14.104, 134.679

Monochromacy



Original Color
32, 38.500, 120.074

Achromatopsia
29, 0.005, 296.813

Achromatomaly
30, 15.019, 122.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 38.500, 120.074 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(60, 82, 17)` looks like.

```
.text, #text, p{  
    color:rgb(60, 82, 17)  
}
```

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(60, 82, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 82, 17) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 38.500, 120.074 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(60, 82, 17) }
```

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

```
.border{ border-color:rgb(60, 82, 17) }
```

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

Here you see how a box with a 4 pixel rgb(60, 82, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 82, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 82, 17);  
box-shadow:4px 4px 4px 4px rgb(60, 82, 17)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 38.500, 120.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 82, 17) }
```

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

```
.background{ background-color: rgb(60, 82,  
17) }
```

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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