

Converting Colors

CIELCh(32, 52.076, 110.906)

Have a look what the booklet for
CIELCh(32, 52.076, 110.906)
contains.

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Color

CIELCh(32, 43.524, 114.180)

Conversions

Conversions Part 1

Format	Color
Hex	415200
RGB	65, 82, 0
RGB Percent	25%, 32%, 0%
CMY	0.7467, 0.6800, 1.0000
CMYK	0.21, 0.00, 1.00, 0.68
HSL	73°, 100%, 16%
HSV	73°, 100%, 32%
XYZ	5.1391, 7.0852, 1.0861
YIQ	67.5690, 16.1900, -29.1060

Conversions

Conversions Part 2

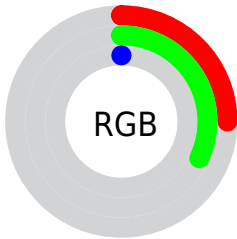
Format	Color
RYB	0, 82, 17
Decimal	4280832
CIELab	32.00, -17.83, 39.71
CIELCh	32, 43.524, 114.180
Yxy	7.0852, 0.3861, 0.5323
Android (android.graphics.Color)	4282470912 (0xFF415200)
YUV	67.5690, -33.3115, -2.2530
Hunter-Lab	26.6180, -12.1185, 16.2132

Details

The CIELCh color **32, 43.524, 114.180** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **7, 56.619, 307.758**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 43.202, 113.941**, and **12, 24.302, 133.257** is the 20% darker color. If you saturate the color by 10%, you get **32, 43.393, 114.235**, and if you desaturate by 10%, it is **32, 40.486, 114.256**.

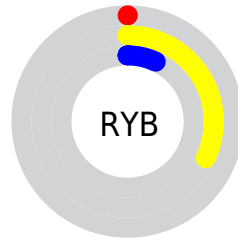
Distribution



Red (25%)

Green (32%)

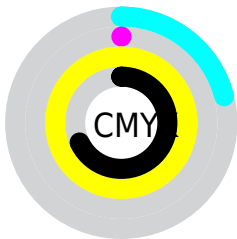
Blue (0%)



Red (0%)

Yellow (32%)

Blue (7%)

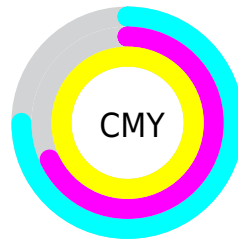


Cyan (21%)

Magenta (0%)

Yellow (100%)

Black (68%)



Cyan (75%)


Magenta (68%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 43.524, 114.180 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, 43.524, 114.180 by changing the saturation by 10% instead.


 32, 43.524,
114.180


 32, 43.524,
114.180

 100, 43.524,
114.180


 22, 43.524,
114.180

 52, 43.524,
114.180


 12, 43.524,
114.180


 62, 43.524,
114.180

 2, 43.524, 114.180

 72, 43.524,
114.180

 0, 43.524, 114.180

 82, 43.524,
114.180

 92, 43.524,
114.180

■ 32, 43.524,
114.180

■ 32, 43.524,
114.180

■ 32, 43.393,
114.235

■ 32, 40.486,
114.256

■ 32, 37.559,
114.223

■ 33, 33.915,
114.426

■ 33, 29.721,
114.807

■ 33, 25.149,
115.305

■ 33, 20.327,
115.874

■ 34, 15.348,
116.481

■ 34, 10.273,

117.101

■ 34, 5.145, 117.719

Harmonies

Complementary

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



32, 43.524, 114.180



7, 56.619, 307.758

Rectangle

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



32, 43.524, 114.180



32, 43.524, 164.180



32, 43.524, 294.180



32, 43.524, 344.180

Sweetspot

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



32, 43.393, 114.235



44, 19.200, 116.414



16, 38.432, 40.327



22, 12.929, 116.270



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, 43.393, 114.235



42, 52.506, 114.617



30, 49.747, 131.987



16, 2.875, 117.798



41, 51.613, 114.586



86, 92.866, 115.337

Inverse Universe

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



7, 56.619, 307.758



11, 69.166, 307.704



12, 52.120, 318.151



15, 2.926, 298.871



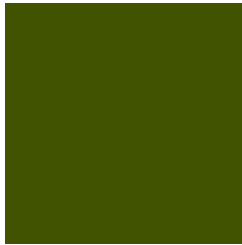
10, 67.977, 307.727



31, 122.774, 307.233

Previews

White Background



This preview shows how the CIELCh color 32, 43.524, 114.180 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 32, 43.524, 114.180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

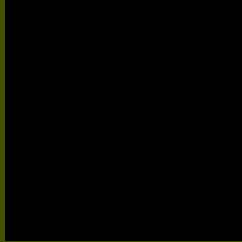
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 43.524, 114.180

Background



This preview shows how black text looks on a background with the CIELCh color 32, 43.524, 114.180.



This preview shows how white text looks on a background with the CIELCh color 32, 43.524, 114.180.

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

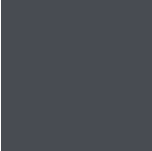
32, 43.524, 114.180

Protanopia

32, 40.661, 96.161

Deuteranopia

32, 35.449, 82.934



Tritanopia
32, 4.115, 266.957

Trichromacy



Original Color
32, 43.524, 114.180

Protanomaly
32, 41.083, 102.852

Deuteranomaly
32, 36.701, 96.095

Tritanomaly
32, 16.767, 121.891

Monochromacy



Original Color
32, 43.524, 114.180

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 18.448, 115.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 43.524, 114.180 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(65, 82, 0)` looks like.

```
.text, #text, p{  
    color:rgb(65, 82, 0)  
}
```

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(65, 82, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 82, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 43.524, 114.180 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(65, 82, 0) }
```

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

```
.border{ border-color:rgb(65, 82, 0) }
```

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

Here you see how a box with a 4 pixel rgb(65, 82, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 82, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(65, 82, 0); box-shadow:4px  
4px 4px 4px rgb(65, 82, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 43.524, 114.180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 82, 0) }
```

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

```
.background{ background-color: rgb(65, 82,  
0) }
```

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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