

Converting Colors

CIELCh(16, 11.276, 61.039)

Have a look what the booklet for
CIELCh(16, 11.276, 61.039) contains.

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Color

CIELCh(16, 11.395, 62.196)

Conversions

Conversions Part 1

Format	Color
Hex	34251A
RGB	52, 37, 26
RGB Percent	20%, 15%, 10%
CMY	0.7974, 0.8561, 0.8992
CMYK	0.00, 0.29, 0.50, 0.80
HSL	25°, 34%, 15%
HSV	25°, 50%, 20%
XYZ	2.2350, 2.0993, 1.2479
YIQ	40.2310, 12.4710, -0.2410

Conversions

Conversions Part 2

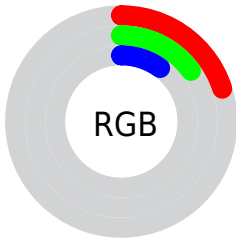
Format	Color
R_{YB}	52, 45, 26
Decimal	3417370
CIE Lab	16.00, 5.32, 10.08
CIE LCh	16, 11.395, 62.196
Yxy	2.0993, 0.4004, 0.3761
Android (android.graphics.Color)	4281607450 (0xFF34251A)
YUV	40.2310, -7.0159, 10.3214
Hunter-Lab	14.4890, 2.1788, 5.0356

Details

The CIELCh color **16, 11.395, 62.196** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16, 9.499, 253.595**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **36, 11.351, 64.738**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **15, 14.009, 61.357**, and if you desaturate by 10%, it is **17, 8.895, 63.061**.

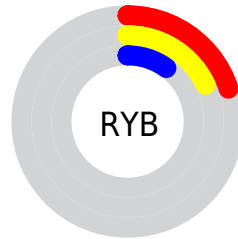
Distribution



Red (20%)

Green (15%)

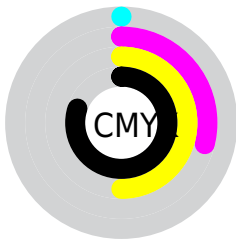
Blue (10%)



Red (20%)

Yellow (18%)

Blue (10%)

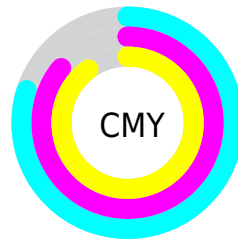


Cyan (0%)

Magenta (29%)

Yellow (50%)

Black (80%)



Cyan (80%)

Magenta (86%)

Yellow (90%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 11.395, 62.196 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 16, 11.395, 62.196 by changing the saturation by 10% instead.

 16, 11.395, 62.196

 16, 11.395, 62.196

 100, 11.395,
62.196

 6, 11.395, 62.196

 36, 11.395, 62.196

 0, 11.395, 62.196

 46, 11.395, 62.196

 56, 11.395, 62.196

 66, 11.395, 62.196

 76, 11.395, 62.196

 86, 11.395, 62.196

 96, 11.395, 62.196

■ 16, 11.395, 62.196

■ 16, 11.395, 62.196

■ 15, 14.009, 61.357

■ 17, 8.895, 63.061

■ 14, 16.356, 59.794

■ 18, 6.515, 63.936

■ 13, 18.208, 57.266

■ 19, 4.252, 64.818

■ 12, 19.845, 54.591

■ 20, 2.098, 65.682

■ 11, 21.468, 52.497

■ 22, 0.046, 63.028

■ 23, 1.914, 247.650

■ 24, 3.790, 248.494

■ 25, 5.590, 249.351

■ 26, 7.323, 250.196

Harmonies

Complementary

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



16, 11.395, 62.196



16, 9.499, 253.595

Rectangle

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



16, 11.395, 62.196



16, 11.395, 112.196



16, 11.395, 242.196



16, 11.395, 292.196

Sweetspot

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



16, 11.395, 62.202



26, 3.840, 65.212



13, 16.153, 343.206



11, 2.565, 65.183



66, 0.008, 296.813



13, 0.003, 296.813

Same Dimension

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



16, 11.395, 62.202



20, 17.314, 61.134



20, 15.841, 102.184



8, 1.111, 65.785



22, 38.430, 55.952



54, 78.442, 54.301

Inverse Universe

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



16, 9.499, 253.595



19, 13.686, 256.407



11, 17.363, 292.679



8, 1.088, 247.571



21, 27.039, 271.446



51, 55.141, 276.005

Previews

White Background



This preview shows how the CIE LCh color 16, 11.395, 62.196 looks on a white background.

Color Contrast Check

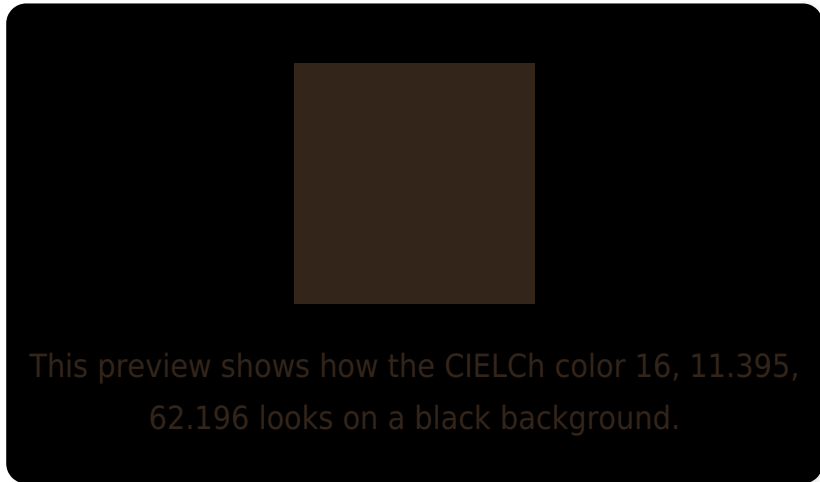
Large Text (above 18pt) WCAG AA ✓ Pass

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

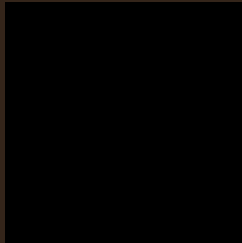
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 16, 11.395, 62.196

Background



This preview shows how black text looks on a background with the CIELCh color 16, 11.395, 62.196.

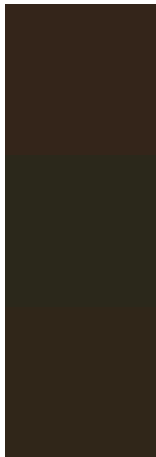


This preview shows how white text looks on a background with the CIELCh color 16, 11.395, 62.196.

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

16, 11.395, 62.196

Protanopia

16, 9.160, 97.689

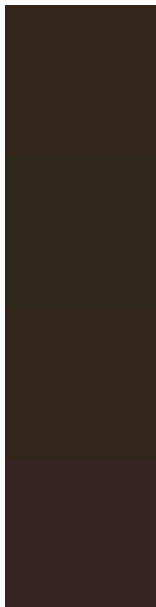
Deuteranopia

16, 10.664, 76.935



Tritanopia
16, 9.266, 8.923

Trichromacy



Original Color
16, 11.395, 62.196

Protanomaly
16, 9.195, 83.795

Deuteranomaly
16, 10.975, 74.514

Tritanomaly
16, 8.978, 30.320

Monochromacy



Original Color
16, 11.395, 62.196

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 3.775, 67.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 11.395, 62.196 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(52, 37, 26)` looks like.

```
.text, #text, p{  
    color:rgb(52, 37, 26)  
}
```

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(52, 37, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 37, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 11.395, 62.196 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(52, 37, 26) }
```

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

```
.border{ border-color:rgb(52, 37, 26) }
```

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

Here you see how a box with a 4 pixel rgb(52, 37, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 37, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 37, 26);  
box-shadow:4px 4px 4px 4px rgb(52, 37, 26)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 16, 11.395, 62.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 37, 26) }
```

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

```
.background{ background-color: rgb(52, 37,  
26) }
```

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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