

Converting Colors

CIELCh(16, 14.838, 114.024)

Have a look what the booklet for
CIELCh(16, 14.838, 114.024)
contains.

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Color

CIELCh(16, 15.107, 114.362)

Conversions

Conversions Part 1

Format	Color
Hex	262A14
RGB	38, 42, 20
RGB Percent	15%, 16%, 8%
CMY	0.8518, 0.8361, 0.9223
CMYK	0.10, 0.00, 0.53, 0.84
HSL	71°, 36%, 12%
HSV	71°, 53%, 16%
XYZ	1.7369, 2.0993, 0.9665
YIQ	38.2960, 4.6780, -7.6900

Conversions

Conversions Part 2

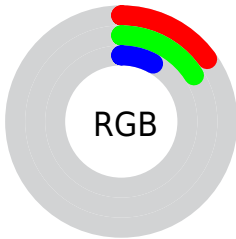
Format	Color
RYB	20, 42, 24
Decimal	2501140
CIELab	16.00, -6.23, 13.76
CIElCh	16, 15.107, 114.362
Yxy	2.0993, 0.3617, 0.4371
Android (android.graphics.Color)	4280691220 (0xFF262A14)
YUV	38.2960, -9.0199, -0.2596
Hunter-Lab	14.4890, -3.9574, 6.1873

Details

The CIELCh color **16, 15.107, 114.362** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **8, 16.711, 301.204**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **36, 14.826, 114.868**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **16, 17.617, 114.097**, and if you desaturate by 10%, it is **16, 12.335, 114.902**.

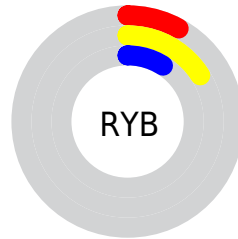
Distribution



Red (15%)

Green (16%)

Blue (8%)



Red (8%)

Yellow (16%)

Blue (9%)

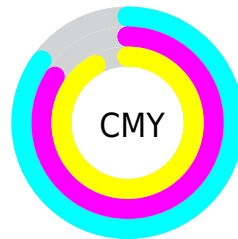


Cyan (10%)

Magenta (0%)

Yellow (53%)

Black (84%)



Cyan (85%)

Magenta (84%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 15.107, 114.362 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, 15.107, 114.362 by changing the saturation by 10% instead.

■ 16, 15.107,
114.362

■ 16, 15.107,
114.362

■ 100, 15.107,
114.362

■ 6, 15.107, 114.362

■ 36, 15.107,
114.362

■ 0, 15.107, 114.362

■ 46, 15.107,
114.362


■ 56, 15.107,
114.362


■ 66, 15.107,
114.362


■ 76, 15.107,
114.362


■ 86, 15.107,


114.362


 96, 15.107,
114.362

 16, 15.107,
114.362


 16, 15.107,
114.362

 16, 17.617,
114.097

 16, 12.335,
114.902


 16, 19.696,
114.191

 16, 9.492, 115.463


 16, 21.454,
114.471

 17, 6.604, 116.032

 17, 3.689, 116.600

 15, 23.198,
114.752

 17, 0.761, 117.160

 15, 24.491,
114.956

 17, 2.170, 297.701

■ 17, 5.098, 298.226

■ 18, 8.016, 298.730

■ 18, 10.920,
299.211

Harmonies

Complementary

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



16, 15.107, 114.362



8, 16.711, 301.204

Rectangle

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



16, 15.107, 114.362



16, 15.107, 164.362



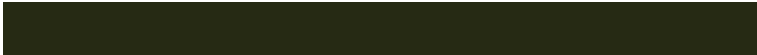
16, 15.107, 294.362



16, 15.107, 344.362

Sweetspot

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



16, 15.107, 114.364



22, 5.770, 116.355



10, 10.727, 35.897



10, 3.946, 116.356



64, 0.008, 296.813



10, 0.003, 296.813

Same Dimension

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



16, 15.107, 114.364



21, 21.928, 113.686



15, 16.889, 132.630



6, 1.315, 117.548



33, 44.085, 112.915



80, 86.089, 113.804

Inverse Universe

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



8, 16.711, 301.204



9, 25.168, 302.670



9, 17.504, 316.469



6, 1.317, 297.054



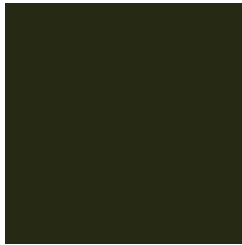
7, 58.190, 307.523



27, 114.862, 307.058

Previews

White Background



This preview shows how the CIELCh color 16, 15.107, 114.362 looks on a white background.

Color Contrast Check

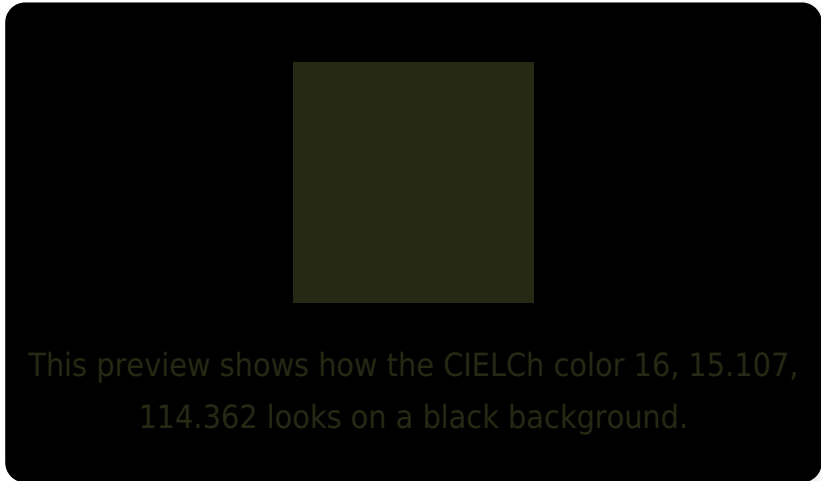
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.107, 114.362

Background



This preview shows how black text looks on a background with the CIELCh color 16, 15.107, 114.362.

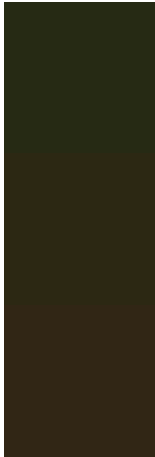


This preview shows how white text looks on a background with the CIELCh color 16, 15.107, 114.362.

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

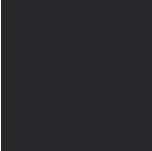
16, 15.107, 114.362

Protanopia

16, 14.550, 97.472

Deuteranopia

16, 13.408, 79.722



Tritanopia
16, 2.168, 303.351

Trichromacy



Original Color
16, 15.107, 114.362

Protanomaly
16, 14.984, 104.006

Deuteranomaly
16, 12.903, 91.851

Tritanomaly
16, 4.221, 115.855

Monochromacy



Original Color
16, 15.107, 114.362

Achromatopsia
15, 0.003, 296.813

Achromatomaly
15, 5.623, 113.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 15.107, 114.362 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(38, 42, 20)` looks like.

```
.text, #text, p{  
    color:rgb(38, 42, 20)  
}
```

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(38, 42, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 42, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 15.107, 114.362 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(38, 42, 20) }
```

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

```
.border{ border-color:rgb(38, 42, 20) }
```

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

Here you see how a box with a 4 pixel rgb(38, 42, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 42, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 42, 20);  
box-shadow:4px 4px 4px 4px rgb(38, 42, 20)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 16, 15.107, 114.362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 42, 20) }
```

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

```
.background{ background-color: rgb(38, 42,  
20) }
```

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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