

Converting Colors

CIELCh(17, 24.677, 119.106)

Have a look what the booklet for
CIELCh(17, 24.677, 119.106)
contains.

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Color

CIELCh(17, 25.042, 119.596)

Conversions

Conversions Part 1

Format	Color
Hex	222E06
RGB	34, 46, 6
RGB Percent	13%, 18%, 2%
CMY	0.8668, 0.8198, 0.9767
CMYK	0.26, 0.00, 0.87, 0.82
HSL	78°, 77%, 10%
HSV	78°, 87%, 18%
XYZ	1.6657, 2.3023, 0.5268
YIQ	37.8520, 5.6880, -14.9840

Conversions

Conversions Part 2

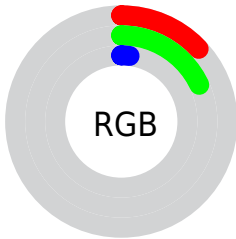
Format	Color
RYB	6, 46, 18
Decimal	2240006
CIELab	17.00, -12.37, 21.77
CIELCh	17, 25.042, 119.596
Yxy	2.3023, 0.3706, 0.5122
Android (android.graphics.Color)	4280430086 (0xFF222E06)
YUV	37.8520, -15.7030, -3.3782
Hunter-Lab	15.1734, -6.9585, 8.5628

Details

The CIELCh color **17, 25.042, 119.596** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4, 27.732, 303.494**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 25.222, 119.127**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **17, 27.050, 119.991**, and if you desaturate by 10%, it is **17, 23.046, 119.169**.

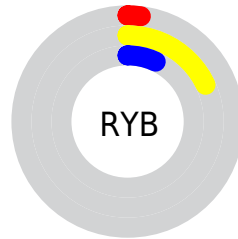
Distribution



Red (13%)

Green (18%)

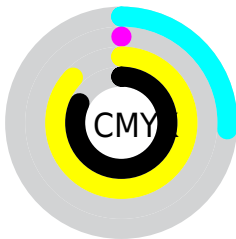
Blue (2%)



Red (2%)

Yellow (18%)

Blue (7%)

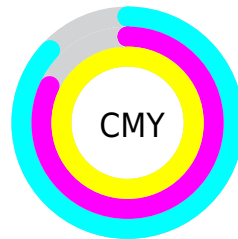


Cyan (26%)

Magenta (0%)

Yellow (87%)

Black (82%)



Cyan (87%)

Magenta (82%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 25.042, 119.596 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 17, 25.042, 119.596 by changing the saturation by 10% instead.

■ 17, 25.042,
119.596

■ 17, 25.042,
119.596

■ 100, 25.042,
119.596

■ 7, 25.042, 119.596

■ 37, 25.042,
119.596

■ 0, 25.042, 119.596

■ 47, 25.042,
119.596


■ 57, 25.042,
119.596


■ 67, 25.042,
119.596


■ 77, 25.042,
119.596


■ 87, 25.042,

119.596


 97, 25.042,
119.596


 17, 25.042,
119.596


 17, 25.042,
119.596


 17, 27.050,
119.991


 17, 23.046,
119.169

 17, 27.635,
120.100

 17, 20.765,
118.927

 18, 17.993,
119.140

 18, 14.980,
119.568

 18, 11.872,
120.033

■ 18, 8.705, 120.513

■ 18, 5.502, 120.995

■ 19, 2.283, 121.473

■ 19, 0.939, 301.905

Harmonies

Complementary

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



17, 25.042, 119.596



4, 27.732, 303.494

Rectangle

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



17, 25.042, 119.596



17, 25.042, 169.596



17, 25.042, 299.596



17, 25.042, 349.596

Sweetspot

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



17, 25.042, 119.597



24, 10.258, 120.499



9, 17.750, 39.774



11, 7.016, 120.569



65, 0.008, 296.813



12, 0.003, 296.813

Same Dimension

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



17, 25.042, 119.597



22, 34.504, 118.744



16, 28.825, 135.986



8, 1.656, 122.151



33, 46.268, 118.777



79, 89.685, 120.008

Inverse Universe

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



4, 27.732, 303.494



4, 40.843, 306.669



7, 30.135, 320.688



7, 1.656, 301.431



8, 58.628, 309.059



29, 113.984, 308.235

Previews

White Background



This preview shows how the CIE LCh color 17, 25.042, 119.596 looks on a white background.

Color Contrast Check

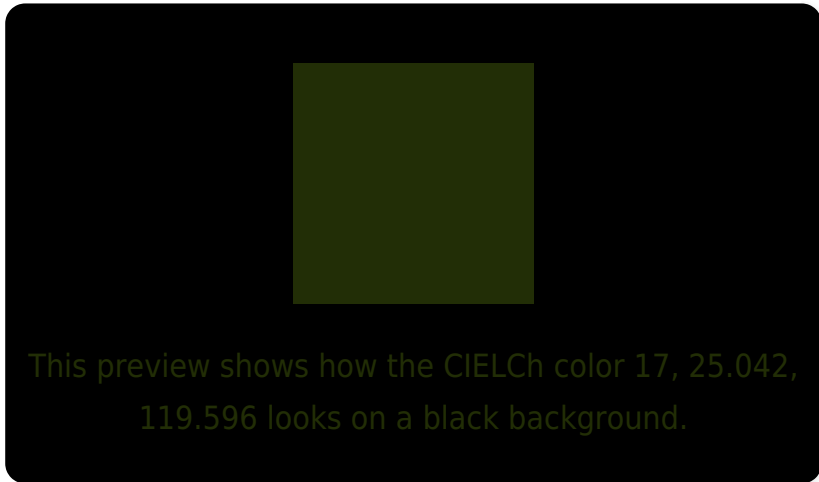
Large Text (above 18pt) WCAG AA ✓ Pass

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

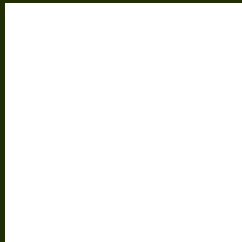
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 17, 25.042, 119.596

Background



This preview shows how black text looks on a background with the CIELCh color 17, 25.042, 119.596.



This preview shows how white text looks on a background with the CIELCh color 17, 25.042, 119.596.

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

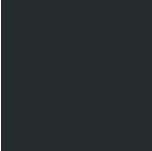
17, 25.042, 119.596

Protanopia

17, 22.449, 97.489

Deuteranopia

17, 20.643, 84.106



Tritanopia
17, 3.044, 242.451

Trichromacy



Original Color
17, 25.042, 119.596

Protanomaly
17, 22.798, 106.180

Deuteranomaly
17, 20.757, 98.759

Tritanomaly
17, 9.630, 129.325

Monochromacy



Original Color
17, 25.042, 119.596

Achromatopsia
15, 0.003, 296.813

Achromatomaly
16, 10.578, 118.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 25.042, 119.596 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(34, 46, 6)` looks like.

```
.text, #text, p{  
    color:rgb(34, 46, 6)  
}
```

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(34, 46, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 46, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 25.042, 119.596 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(34, 46, 6) }
```

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

```
.border{ border-color:rgb(34, 46, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 46, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 46, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(34, 46, 6); box-shadow:4px  
4px 4px 4px rgb(34, 46, 6) }
```

Background

The CSS property to change the background color of an element to CIELCh 17, 25.042, 119.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 46, 6) }
```

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

```
.background{ background-color: rgb(34, 46,  
6) }
```

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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