

Converting Colors

CIELCh(16, 25.329, 126.408)

Have a look what the booklet for
CIELCh(16, 25.329, 126.408)
contains.

CIELCh(16, 25.556, 126.514)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(16, 25.556, 126.514)

Conversions

Conversions Part 1

Format	Color
Hex	1B2D06
RGB	27, 45, 6
RGB Percent	11%, 18%, 2%
CMY	0.8950, 0.8245, 0.9779
CMYK	0.40, 0.00, 0.87, 0.82
HSL	88°, 78%, 10%
HSV	88°, 87%, 18%
XYZ	1.4055, 2.0993, 0.4926
YIQ	35.1720, 1.7910, -15.9450

Conversions

Conversions Part 2

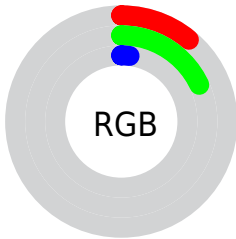
Format	Color
RYB	6, 45, 24
Decimal	1780998
CIELab	16.00, -15.21, 20.54
CIElCh	16, 25.556, 126.514
Yxy	2.0993, 0.3516, 0.5252
Android (android.graphics.Color)	4279971078 (0xFF1B2D06)
YUV	35.1720, -14.3818, -7.1668
Hunter-Lab	14.4890, -8.0406, 8.1263

Details

The CIELCh color **16, 25.556, 126.514** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **5, 27.600, 308.724**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **36, 25.687, 126.264**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **16, 27.680, 127.029**, and if you desaturate by 10%, it is **16, 23.448, 125.907**.

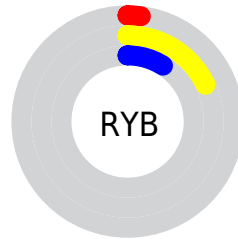
Distribution



Red (11%)

Green (18%)

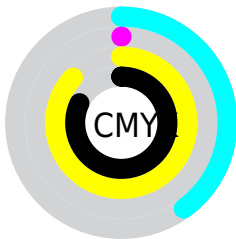
Blue (2%)



Red (2%)

Yellow (18%)

Blue (9%)

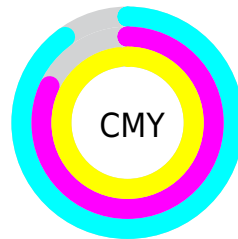


Cyan (40%)

Magenta (0%)

Yellow (87%)

Black (82%)



Cyan (90%)


Magenta (82%)


Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 25.556, 126.514 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, 25.556, 126.514 by changing the saturation by 10% instead.

 16, 25.556,
126.514


 16, 25.556,
126.514


 100, 25.556,
126.514


 6, 25.556, 126.514


 36, 25.556,
126.514

 0, 25.556, 126.514

 46, 25.556,
126.514


 56, 25.556,
126.514


 66, 25.556,
126.514


 76, 25.556,
126.514


 86, 25.556,


126.514


 96, 25.556,
126.514


 16, 25.556,
126.514


 16, 25.556,
126.514


 16, 27.680,
127.029


 16, 23.448,
125.907

 16, 28.229,
127.148

 16, 21.123,
125.424

 17, 18.344,
125.418

 17, 15.269,
125.783

 17, 12.107,
126.178

■ 17, 8.894, 126.581

■ 18, 5.653, 126.981

■ 18, 2.405, 127.373

■ 18, 0.837, 307.678

Harmonies

Complementary

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



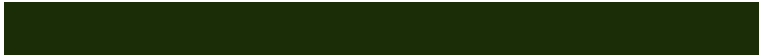
16, 25.556, 126.514



5, 27.600, 308.724

Rectangle

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



16, 25.556, 126.514



16, 25.556, 176.514



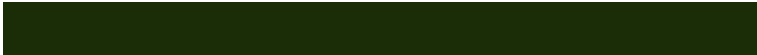
16, 25.556, 306.514



16, 25.556, 356.514

Sweetspot

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



16, 25.556, 126.515



24, 10.592, 126.576



10, 16.174, 56.618



11, 7.246, 126.666



65, 0.008, 296.813



12, 0.003, 296.813

Same Dimension

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



16, 25.556, 126.515



22, 36.057, 125.353



15, 29.418, 139.410



8, 1.704, 128.038



33, 48.504, 125.354



77, 94.513, 126.792

Inverse Universe

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



5, 27.600, 308.724



5, 41.379, 311.191



7, 30.148, 326.200



7, 1.701, 307.219



10, 56.874, 311.878



33, 110.483, 310.900

Previews

White Background



This preview shows how the CIELCh color 16, 25.556, 126.514 looks on a white background.

Color Contrast Check

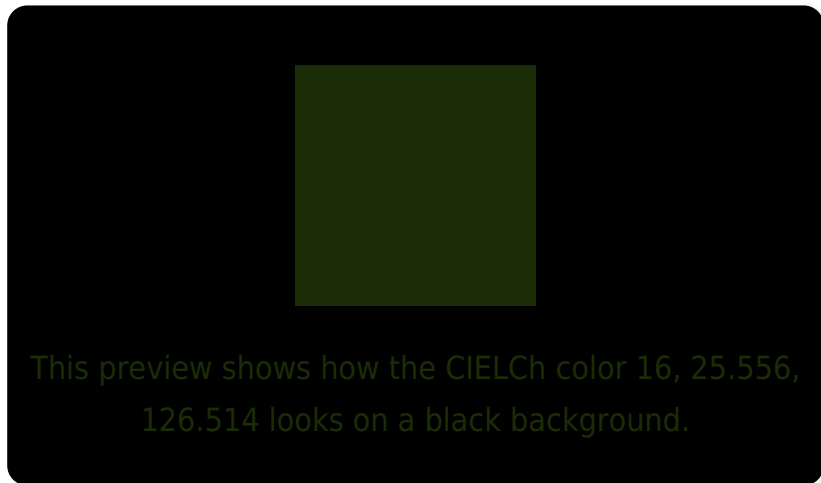
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.556, 126.514

Background



This preview shows how black text looks on a background with the CIELCh color 16, 25.556, 126.514.



This preview shows how white text looks on a background with the CIELCh color 16, 25.556, 126.514.

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

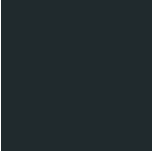
16, 25.556, 126.514

Protanopia

16, 21.642, 97.409

Deuteranopia

16, 19.248, 84.529



Tritanopia
16, 4.835, 224.444

Trichromacy



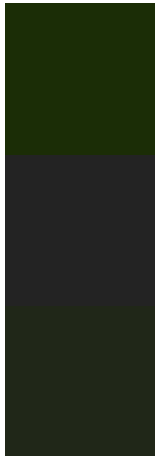
Original Color
16, 25.556, 126.514

Protanomaly
16, 22.306, 110.733

Deuteranomaly
16, 19.823, 101.996

Tritanomaly
16, 10.543, 144.928

Monochromacy



Original Color
16, 25.556, 126.514

Achromatopsia
14, 0.003, 296.813

Achromatomaly
15, 11.092, 126.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 25.556, 126.514 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(27, 45, 6)` looks like.

```
.text, #text, p{  
    color:rgb(27, 45, 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(27, 45, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 45, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 25.556, 126.514 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(27, 45, 6) }
```

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

```
.border{ border-color:rgb(27, 45, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 45, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 45, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(27, 45, 6); box-shadow:4px  
4px 4px 4px rgb(27, 45, 6) }
```

Background

The CSS property to change the background color of an element to CIELCh 16, 25.556, 126.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 45, 6) }
```

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

```
.background{ background-color: rgb(27, 45,  
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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