

Converting Colors

CIELCh(26, 46.553, 134.412)

Have a look what the booklet for
CIELCh(26, 46.553, 134.412)
contains.

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Color

CIELCh(26, 46.353, 134.423)

Conversions

Conversions Part 1

Format	Color
Hex	0C4801
RGB	12, 72, 1
RGB Percent	5%, 28%, 0%
CMY	0.9516, 0.7168, 0.9952
CMYK	0.83, 0.00, 0.98, 0.72
HSL	111°, 97%, 14%
HSV	111°, 98%, 28%
XYZ	2.4946, 4.7465, 0.8196
YIQ	45.9660, -12.9690, -34.8010

Conversions

Conversions Part 2

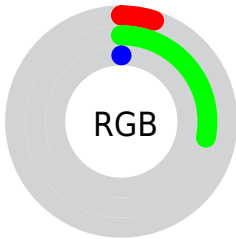
Format	Color
RYB	1, 72, 61
Decimal	804865
CIELab	26.00, -32.44, 33.10
CIElCh	26, 46.353, 134.423
Yxy	4.7465, 0.3095, 0.5888
Android (android.graphics.Color)	4278994945 (0xFF0C4801)
YUV	45.9660, -22.1682, -29.7882
Hunter-Lab	21.7865, -17.6880, 13.0201

Details

The CIELCh color **26, 46.353, 134.423** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **13, 46.453, 322.809**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 46.170, 134.502**, and **8, 19.932, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **26, 46.884, 134.281**, and if you desaturate by 10%, it is **26, 43.123, 135.131**.

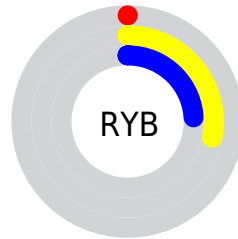
Distribution



Red (5%)

Green (28%)

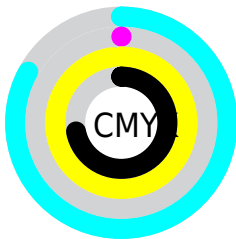
Blue (0%)



Red (0%)

Yellow (28%)

Blue (24%)

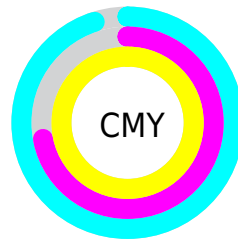


Cyan (83%)

Magenta (0%)

Yellow (98%)

Black (72%)



Cyan (95%)


Magenta (72%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 46.353, 134.423 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 26, 46.353, 134.423 by changing the saturation by 10% instead.

 26, 46.353,
134.423

 26, 46.353,
134.423

 100, 46.353,
134.423


 16, 46.353,
134.423


 46, 46.353,
134.423


 6, 46.353, 134.423

 56, 46.353,
134.423

 0, 46.353, 134.423

 66, 46.353,
134.423

 76, 46.353,
134.423

 86, 46.353,
134.423

 96, 46.353,

134.423

■ 26, 46.353,
134.423

■ 26, 46.353,
134.423

■ 26, 46.884,
134.281

■ 26, 43.123,
135.131

■ 26, 39.676,
135.569

■ 27, 35.550,
136.152

■ 27, 30.905,
136.813

■ 28, 25.903,
137.487

■ 28, 20.669,
138.134

■ 29, 15.304,
138.733

■ 29, 9.883, 139.275

■ 30, 4.466, 139.766

Harmonies

Complementary

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



26, 46.353, 134.423



13, 46.453, 322.809

Rectangle

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



26, 46.353, 134.423



26, 46.353, 184.423



26, 46.353, 314.423



26, 46.353, 4.423

Sweetspot

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



26, 46.353, 134.424



38, 19.561, 138.627



26, 34.315, 92.245



18, 13.531, 138.494



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



26, 46.353, 134.424



34, 56.733, 134.532



26, 38.961, 144.828



14, 2.965, 139.754



36, 58.908, 134.597



79, 108.487, 135.214

Inverse Universe

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



13, 46.453, 322.809



18, 56.500, 322.621



13, 36.750, 344.711



13, 2.977, 320.422



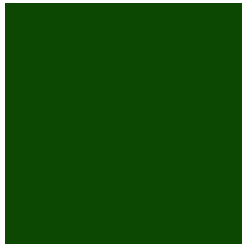
19, 58.624, 322.585



48, 107.231, 322.184

Previews

White Background



This preview shows how the CIELCh color 26, 46.353, 134.423 looks on a white background.

Color Contrast Check

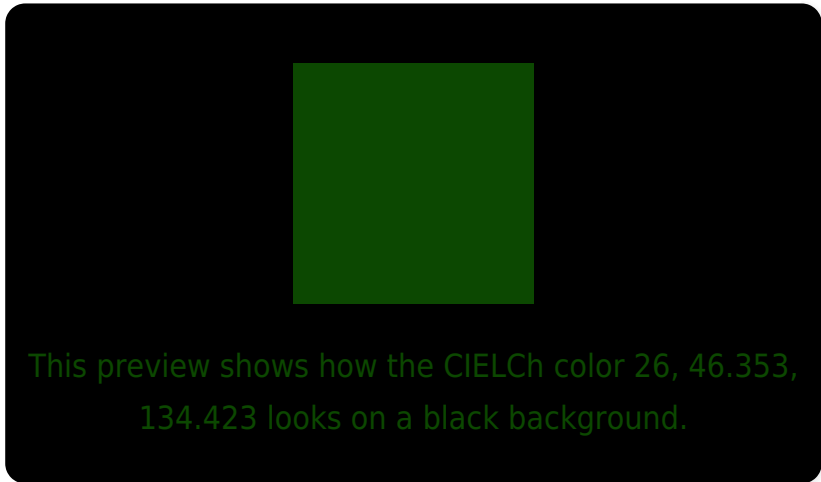
Large Text (above 18pt) WCAG AA ✓ Pass

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

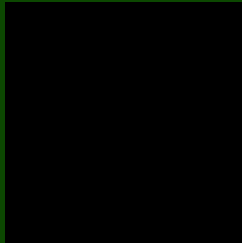
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 46.353, 134.423

Background



This preview shows how black text looks on a background with the CIELCh color 26, 46.353, 134.423.



This preview shows how white text looks on a background with the CIELCh color 26, 46.353, 134.423.

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](#).

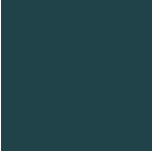
Dichromacy



Original Color
26, 46.353, 134.423

Protanopia
26, 35.113, 95.883

Deuteranopia
26, 28.779, 83.447



Tritanopia
26, 13.081, 215.179

Trichromacy



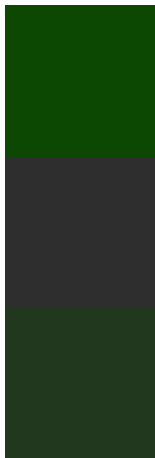
Original Color
26, 46.353, 134.423

Protanomaly
25, 37.629, 116.505

Deuteranomaly
25, 31.698, 113.278

Tritanomaly
26, 23.048, 157.424

Monochromacy



Original Color
26, 46.353, 134.423

Achromatopsia
19, 0.004, 296.813

Achromatomaly
21, 20.200, 137.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 46.353, 134.423 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(12, 72, 1)` looks like.

```
.text, #text, p{  
    color:rgb(12, 72, 1)  
}
```

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(12, 72, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 72, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 46.353, 134.423 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(12, 72, 1) }
```

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

```
.border{ border-color:rgb(12, 72, 1) }
```

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

Here you see how a box with a 4 pixel rgb(12, 72, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 72, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(12, 72, 1); box-shadow:4px  
4px 4px 4px rgb(12, 72, 1) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 46.353, 134.423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 72, 1) }
```

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

```
.background{ background-color: rgb(12, 72,  
1) }
```

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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