

Converting Colors

CIELCh(28, 26.483, 85.551)

Have a look what the booklet for
CIELCh(28, 26.483, 85.551) contains.

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Color

CIELCh(28, 26.692, 85.326)

Conversions

Conversions Part 1

Format	Color
Hex	514018
RGB	81, 64, 24
RGB Percent	32%, 25%, 9%
CMY	0.6830, 0.7496, 0.9064
CMYK	0.00, 0.21, 0.70, 0.68
HSL	42°, 54%, 21%
HSV	42°, 70%, 32%
XYZ	5.3676, 5.4574, 1.6268
YIQ	64.5230, 22.9720, -8.8360

Conversions

Conversions Part 2

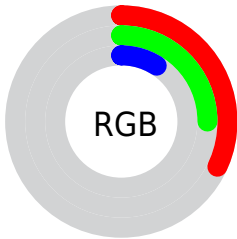
Format	Color
RYB	48, 81, 24
Decimal	5324824
CIELab	28.00, 2.18, 26.60
CIELCh	28, 26.692, 85.326
Yxy	5.4574, 0.4311, 0.4383
Android (android.graphics.Color)	4283514904 (0xFF514018)
YUV	64.5230, -19.9778, 14.4503
Hunter-Lab	23.3610, 0.1316, 12.2240

Details

The CIELCh color **28, 26.692, 85.326** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **17, 27.829, 286.755**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 26.798, 86.359**, and **8, 12.425, 78.694** is the 20% darker color. If you saturate the color by 10%, you get **27, 30.064, 83.935**, and if you desaturate by 10%, it is **29, 23.019, 86.647**.

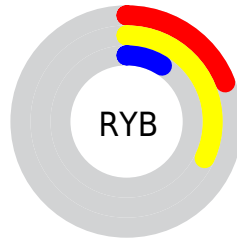
Distribution



 Red (32%)

 Green (25%)

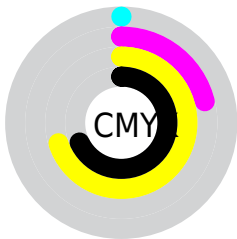
 Blue (9%)



 Red (19%)

 Yellow (32%)

 Blue (9%)

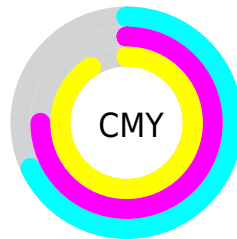


 Cyan (0%)

 Magenta (21%)

 Yellow (70%)

 Black (68%)



 Cyan (68%)

 Magenta (75%)

 Yellow (91%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 28, 26.692, 85.326 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 28, 26.692, 85.326 by changing the saturation by 10% instead.

 28, 26.692, 85.326

 28, 26.692, 85.326

 100, 26.692,
85.326

 18, 26.692, 85.326

 48, 26.692, 85.326

 8, 26.692, 85.326

 58, 26.692, 85.326

 0, 26.692, 85.326

 68, 26.692, 85.326

 78, 26.692, 85.326

 88, 26.692, 85.326

 98, 26.692, 85.326

 28, 26.692, 85.326

 28, 26.692, 85.326

■ 27, 30.064, 83.935

■ 29, 23.019, 86.647

■ 26, 32.939, 82.428

■ 30, 19.203, 87.918

■ 26, 35.546, 81.120

■ 31, 15.339, 89.155

■ 31, 11.481, 90.359

■ 32, 7.659, 91.530

■ 33, 3.888, 92.657

■ 34, 0.175, 93.144

■ 35, 3.479, 274.889

■ 36, 7.075, 275.897

Harmonies

Complementary

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



28, 26.692, 85.326



17, 27.829, 286.755

Rectangle

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



28, 26.692, 85.326



28, 26.692, 135.326



28, 26.692, 265.326



28, 26.692, 315.326

Sweetspot

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



28, 26.692, 85.329



42, 9.720, 91.387



18, 28.396, 6.119



21, 6.640, 91.210



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



28, 26.692, 85.329



35, 38.546, 82.812



32, 33.801, 114.020



16, 2.085, 92.848



34, 43.153, 80.396



72, 77.106, 78.558

Inverse Universe

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



17, 27.829, 286.755



19, 42.404, 291.958



13, 40.190, 304.518



15, 2.092, 274.882



15, 50.729, 296.559



38, 97.564, 298.944

Previews

White Background



This preview shows how the CIELCh color 28, 26.692, 85.326 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



This preview shows how the CIELCh color 28, 26.692, 85.326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

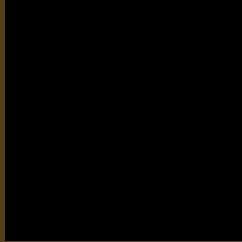
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 26.692, 85.326

Background



This preview shows how black text looks on a background with the CIELCh color 28, 26.692, 85.326.



This preview shows how white text looks on a background with the CIELCh color 28, 26.692, 85.326.

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

28, 26.692, 85.326

Protanopia

28, 25.785, 95.693

Deuteranopia

28, 26.880, 81.824



Tritanopia
28, 11.379, 8.574

Trichromacy



Original Color
28, 26.692, 85.326

Protanomaly
28, 25.628, 92.049

Deuteranomaly
28, 26.645, 82.851

Tritanomaly
28, 13.587, 55.105

Monochromacy



Original Color
28, 26.692, 85.326

Achromatopsia
27, 0.004, 296.813

Achromatomaly
27, 10.129, 91.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 26.692, 85.326 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(81, 64, 24)` looks like.

```
.text, #text, p{  
    color:rgb(81, 64, 24)  
}
```

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(81, 64, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 64, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 26.692, 85.326 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(81, 64, 24) }
```

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

```
.border{ border-color:rgb(81, 64, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 64, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 64, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 64, 24);  
box-shadow:4px 4px 4px 4px rgb(81, 64, 24)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 26.692, 85.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 64, 24) }
```

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

```
.background{ background-color: rgb(81, 64,  
24) }
```

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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