

Converting Colors

CIELCh(26, 46.627, 314.600)

Have a look what the booklet for
CIELCh(26, 46.627, 314.600)
contains.

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Color

CIELCh(26, 46.573, 314.584)

Conversions

Conversions Part 1

Format	Color
Hex	542B71
RGB	84, 43, 113
RGB Percent	33%, 17%, 44%
CMY	0.6723, 0.8329, 0.5586
CMYK	0.26, 0.62, 0.00, 0.56
HSL	275°, 45%, 30%
HSV	275°, 62%, 44%
XYZ	7.4234, 4.7465, 16.0201
YIQ	63.2390, 1.9660, 30.4620

Conversions

Conversions Part 2

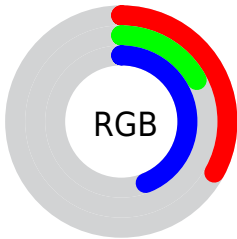
Format	Color
R_{YB}	84, 43, 113
Decimal	5516145
CIE Lab	26.00, 32.69, -33.17
CIE LCh	26, 46.573, 314.584
Yxy	4.7465, 0.2633, 0.1684
Android (android.graphics.Color)	4283706225 (0xFF542B71)
YUV	63.2390, 24.5322, 18.2074
Hunter-Lab	21.7865, 22.6949, -28.3468

Details

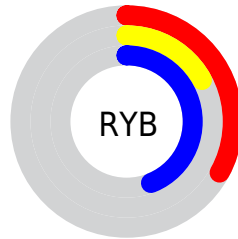
The CIELCh color $26, 46.573, 314.584$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $43, 43.532, 129.340$, and the grayscale version is $26, 0.004, 296.813$.

A 20% lighter version of the original color is $46, 46.284, 314.707$, and $7, 44.974, 314.186$ is the 20% darker color. If you saturate the color by 10%, you get $23, 53.318, 314.824$, and if you desaturate by 10%, it is $29, 39.259, 314.227$.

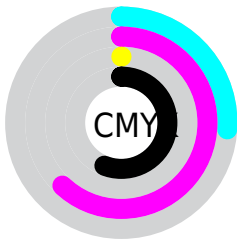
Distribution



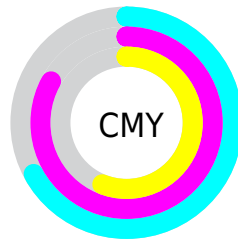
- Red (33%)
- Green (17%)
- Blue (44%)



- Red (33%)
- Yellow (17%)
- Blue (44%)



- Cyan (26%)
- Magenta (62%)
- Yellow (0%)
- Black (56%)




- Cyan (67%)
- Magenta (83%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 46.573, 314.584 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, 46.573, 314.584 by changing the saturation by 10% instead.

 26, 46.573,
314.584

 26, 46.573,
314.584

 100, 46.573,
314.584

 16, 46.573,
314.584

 46, 46.573,
314.584

 6, 46.573, 314.584

 56, 46.573,
314.584

 0, 46.573, 314.584

 66, 46.573,
314.584

 76, 46.573,
314.584

 86, 46.573,
314.584

 96, 46.573,

314.584

■ 26, 46.573,
314.584

■ 26, 46.573,
314.584

■ 23, 53.318,
314.824

■ 29, 39.259,
314.227

■ 21, 59.116,
314.876

■ 32, 31.668,
313.807

■ 19, 63.561,
314.665

■ 36, 23.998,
313.360

■ 17, 66.782,
314.504

■ 39, 16.378,
312.912

■ 43, 8.883, 312.477

■ 47, 1.558, 312.022

■ 50, 5.577, 131.727

■ 54, 12.513,
131.376

■ 58, 19.249,
131.066

Harmonies

Complementary

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



26, 46.573, 314.584



43, 43.532, 129.340

Rectangle

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



26, 46.573, 314.584



26, 46.573, 4.584



26, 46.573, 134.584



26, 46.573, 184.584

Sweetspot

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



26, 46.572, 314.584



52, 17.273, 312.794



30, 26.976, 276.011



26, 12.010, 312.894



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



26, 46.572, 314.584



30, 67.603, 314.877



30, 45.755, 330.082



22, 4.085, 312.342



19, 69.877, 314.430



42, 119.914, 313.816

Inverse Universe

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



28, 34.139, 356.295



34, 48.467, 359.818



42, 46.381, 141.445



22, 3.054, 349.237



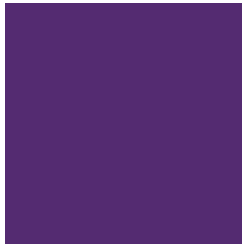
24, 48.325, 8.167



53, 82.820, 11.298

Previews

White Background



This preview shows how the CIELCh color 26, 46.573, 314.584 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 CIE LCh color 26, 46.573, 314.584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

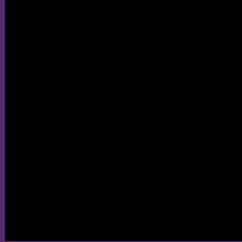
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 46.573, 314.584

Background



This preview shows how black text looks on a background with the CIELCh color 26, 46.573, 314.584.



This preview shows how white text looks on a background with the CIELCh color 26, 46.573, 314.584.

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, 46.573, 314.584

Deuteranopia
26, 30.920, 277.229

Tritanopia
26, 8.897, 359.742

Trichromacy



Original Color
26, 46.573, 314.584

Deuteranomaly
25, 35.385, 292.218

Tritanomaly
26, 21.224, 324.083

Monochromacy



Original Color
26, 46.573, 314.584

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 17.436, 312.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 46.573, 314.584 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(84, 43, 113)` looks like.

```
.text, #text, p{  
    color:rgb(84, 43, 113)  
}
```

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(84, 43, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 43, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 46.573, 314.584 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(84, 43, 113) }
```

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

```
.border{ border-color:rgb(84, 43, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 43, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 43, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 43, 113);  
box-shadow:4px 4px 4px 4px rgb(84, 43,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 46.573, 314.584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 43, 113) }
```

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

```
.background{ background-color: rgb(84, 43,  
113) }
```

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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