

Converting Colors

CIELCh(26, 44.345, 315.612)

Have a look what the booklet for
CIELCh(26, 44.345, 315.612)
contains.

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Color

CIELCh(26, 44.345, 315.612)

Conversions

Conversions Part 1

Format	Color
Hex	542B6D
RGB	84, 43, 109
RGB Percent	33%, 17%, 43%
CMY	0.6697, 0.8306, 0.5717
CMYK	0.23, 0.60, 0.00, 0.57
HSL	277°, 43%, 30%
HSV	277°, 60%, 43%
XYZ	7.3195, 4.7465, 15.0611
YIQ	62.7830, 3.2500, 29.2180

Conversions

Conversions Part 2

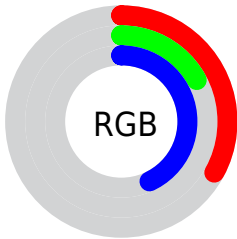
Format	Color
R_{YB}	84, 43, 109
Decimal	5516141
CIE _{Lab}	26.00, 31.69, -31.02
CIE _{LCh}	26, 44.345, 315.612
Yxy	4.7465, 0.2698, 0.1750
Android (android.graphics.Color)	4283706221 (0xFF542B6D)
YUV	62.7830, 22.7850, 18.6073
Hunter-Lab	21.7865, 21.8432, -25.7369

Details

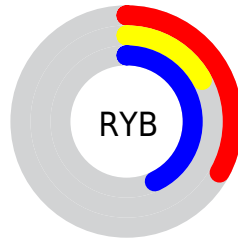
The CIELCh color $[26, 44.345, 315.612]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[42, 41.879, 130.525]$, and the grayscale version is $[27, 0.004, 296.813]$.

A 20% lighter version of the original color is $[46, 44.184, 315.744]$, and $[6, 43.109, 315.310]$ is the 20% darker color. If you saturate the color by 10%, you get $[23, 50.962, 315.845]$, and if you desaturate by 10%, it is $[29, 37.192, 315.271]$.

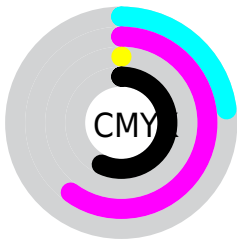
Distribution



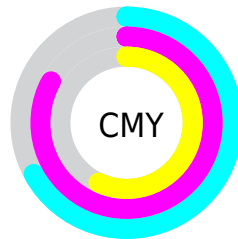
- Red (33%)
- Green (17%)
- Blue (43%)



- Red (33%)
- Yellow (17%)
- Blue (43%)



- Cyan (23%)
- Magenta (60%)
- Yellow (0%)
- Black (57%)



- Cyan (67%)
- Magenta (83%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 44.345, 315.612 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, 44.345, 315.612 by changing the saturation by 10% instead.

 26, 44.345,
315.612

 26, 44.345,
315.612

 100, 44.345,
315.612

 16, 44.345,
315.612

 46, 44.345,
315.612

 6, 44.345, 315.612

 56, 44.345,
315.612

 0, 44.345, 315.612

 66, 44.345,
315.612

 76, 44.345,
315.612

 86, 44.345,
315.612

 96, 44.345,

315.612

■ 26, 44.345,
315.612

■ 26, 44.345,
315.612

■ 23, 50.962,
315.845

■ 29, 37.192,
315.271

■ 21, 56.698,
315.908

■ 32, 29.776,
314.869

■ 19, 61.166,
315.729

■ 36, 22.281,
314.441

■ 17, 64.893,
315.509

■ 39, 14.829,
314.010

■ 42, 7.494, 313.587

■ 46, 0.319, 312.892

■ 49, 6.673, 132.857

■ 53, 13.473,
132.515

■ 56, 20.080,
132.208

Harmonies

Complementary

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



26, 44.345, 315.612



42, 41.879, 130.525

Rectangle

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



26, 44.345, 315.612



26, 44.345, 5.612



26, 44.345, 135.612



26, 44.345, 185.612

Sweetspot

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



26, 44.344, 315.612



52, 16.235, 313.927



29, 26.843, 278.343



25, 11.229, 314.023



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



26, 44.344, 315.612



30, 65.132, 315.899



29, 42.702, 331.160



20, 3.961, 313.525



19, 68.313, 315.426



43, 118.068, 314.814

Inverse Universe

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



28, 32.126, 358.460



34, 46.551, 1.993



41, 43.214, 142.598



21, 2.874, 351.455



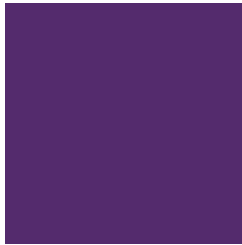
24, 47.760, 11.385



52, 82.835, 14.781

Previews

White Background



This preview shows how the CIELCh color 26, 44.345, 315.612 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, 44.345, 315.612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

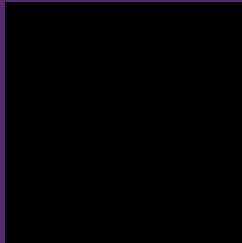
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 44.345, 315.612

Background



This preview shows how black text looks on a background with the CIELCh color 26, 44.345, 315.612.



This preview shows how white text looks on a background with the CIELCh color 26, 44.345, 315.612.

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, 44.345, 315.612

Protanopia

26, 43.291, 285.912

Deuteranopia

26, 28.249, 277.013



Tritanopia
26, 9.176, 4.783

Trichromacy



Original Color
26, 44.345, 315.612

Protanomaly
25, 43.227, 293.003

Deuteranomaly
25, 33.411, 293.425

Tritanomaly
26, 20.896, 326.113

Monochromacy



Original Color
26, 44.345, 315.612

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 16.967, 314.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 44.345, 315.612 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, 109)` looks like.

```
.text, #text, p{  
    color:rgb(84, 43, 109)  
}
```

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, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 43, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 44.345, 315.612 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, 109) }
```

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

```
.border{ border-color:rgb(84, 43, 109) }
```

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, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 43, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 43, 109);  
box-shadow:4px 4px 4px 4px rgb(84, 43,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 44.345, 315.612 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, 109) }
```

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

```
.background{ background-color: rgb(84, 43,  
109) }
```

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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