

Converting Colors

CIELCh(26, 45.710, 321.202)

Have a look what the booklet for
CIELCh(26, 45.710, 321.202)
contains.

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Color

CIELCh(26, 45.651, 320.915)

Conversions

Conversions Part 1

Format	Color
Hex	5C276A
RGB	92, 39, 106
RGB Percent	36%, 15%, 42%
CMY	0.6398, 0.8476, 0.5849
CMYK	0.13, 0.63, 0.00, 0.58
HSL	287°, 46%, 28%
HSV	287°, 63%, 42%
XYZ	7.7129, 4.7465, 14.1044
YIQ	62.4850, 10.0810, 32.0730

Conversions

Conversions Part 2

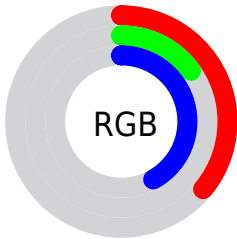
Format	Color
R_{YB}	92, 39, 106
Decimal	6039402
CIE _{Lab}	26.00, 35.43, -28.78
CIE _{LCh}	26, 45.651, 320.915
Yxy	4.7465, 0.2904, 0.1787
Android (android.graphics.Color)	4284229482 (0xFF5C276A)
YUV	62.4850, 21.4529, 25.8847
Hunter-Lab	21.7865, 25.0666, -23.1333

Details

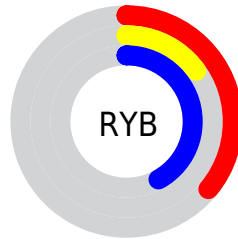
The CIELCh color $[26, 45.651, 320.915]$ is a dark color, and the websafe version is hex $\#663366$. A complement of this color would be $[40, 44.687, 135.048]$, and the grayscale version is $[26, 0.004, 296.813]$.

A 20% lighter version of the original color is $[46, 45.464, 320.689]$, and $[7, 41.118, 319.837]$ is the 20% darker color. If you saturate the color by 10%, you get $[24, 51.439, 321.065]$, and if you desaturate by 10%, it is $[29, 39.070, 320.651]$.

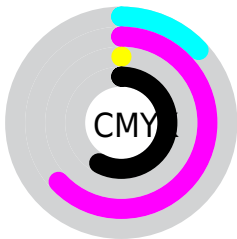
Distribution



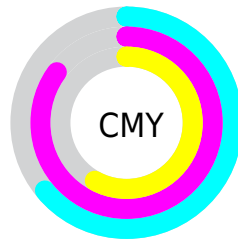
- Red (36%)
- Green (15%)
- Blue (42%)



- Red (36%)
- Yellow (15%)
- Blue (42%)



- Cyan (13%)
- Magenta (63%)
- Yellow (0%)
- Black (58%)





- Cyan (64%)
- Magenta (85%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 45.651, 320.915 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, 45.651, 320.915 by changing the saturation by 10% instead.

 26, 45.651,
320.915


 26, 45.651,
320.915

 100, 45.651,
320.915


 16, 45.651,
320.915


 46, 45.651,
320.915


 6, 45.651, 320.915

 56, 45.651,
320.915

 0, 45.651, 320.915

 66, 45.651,
320.915

 76, 45.651,
320.915

 86, 45.651,
320.915

 96, 45.651,

320.915

■ 26, 45.651,
320.915

■ 26, 45.651,
320.915

■ 24, 51.439,
321.065

■ 29, 39.070,
320.651

■ 22, 56.128,
321.061

■ 31, 31.986,
320.309

■ 21, 59.524,
320.876

■ 34, 24.629,
319.919

■ 20, 61.672,
320.755

■ 37, 17.172,
319.504

■ 40, 9.733, 319.078

■ 44, 2.391, 318.622

■ 47, 4.806, 138.304

■ 50, 11.831,
137.907

■ 54, 18.670,
137.546

Harmonies

Complementary

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



26, 45.651, 320.915



40, 44.687, 135.048

Rectangle

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



26, 45.651, 320.915



26, 45.651, 10.915



26, 45.651, 140.915



26, 45.651, 190.915

Sweetspot

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



26, 45.650, 320.915



50, 17.347, 319.344



24, 34.750, 290.315



24, 11.865, 319.434



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



26, 45.650, 320.915



31, 65.028, 321.085



27, 38.695, 338.329



21, 4.141, 318.891



22, 66.363, 320.675



49, 114.399, 320.262

Inverse Universe

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



26, 31.982, 11.918



31, 46.899, 16.530



40, 38.839, 147.597



21, 2.644, 3.280



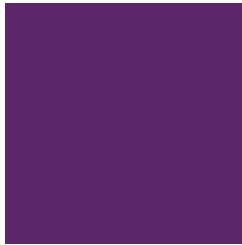
23, 51.058, 26.315



51, 90.394, 29.820

Previews

White Background



This preview shows how the CIELCh color 26, 45.651, 320.915 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, 45.651, 320.915 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, 45.651, 320.915

Background



This preview shows how black text looks on a background with the CIELCh color 26, 45.651, 320.915.



This preview shows how white text looks on a background with the CIELCh color 26, 45.651, 320.915.

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, 45.651, 320.915

Protanopia
26, 43.908, 286.169

Deuteranopia
27, 26.085, 278.249



Tritanopia
26, 15.396, 12.979

Trichromacy



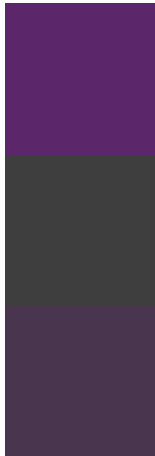
Original Color
26, 45.651, 320.915

Protanomaly
24, 43.973, 294.545

Deuteranomaly
25, 32.240, 298.671

Tritanomaly
26, 23.900, 337.735

Monochromacy



Original Color
26, 45.651, 320.915

Achromatopsia
26, 0.004, 296.813

Achromatomaly
26, 17.674, 319.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 45.651, 320.915 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(92, 39, 106)` looks like.

```
.text, #text, p{  
    color:rgb(92, 39, 106)  
}
```

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(92, 39, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 39, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 45.651, 320.915 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(92, 39, 106) }
```

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

```
.border{ border-color:rgb(92, 39, 106) }
```

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

Here you see how a box with a 4 pixel rgb(92, 39, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 39, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 39, 106);  
box-shadow:4px 4px 4px 4px rgb(92, 39,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 45.651, 320.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 39, 106) }
```

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

```
.background{ background-color: rgb(92, 39,  
106) }
```

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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