

Converting Colors

CIELCh(26, 36.520, 342.594)

Have a look what the booklet for
CIELCh(26, 36.520, 342.594)
contains.

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Color

CIELCh(26, 36.365, 342.514)

Conversions

Conversions Part 1

Format	Color
Hex	67254F
RGB	103, 37, 79
RGB Percent	40%, 15%, 31%
CMY	0.5968, 0.8556, 0.6909
CMYK	0.00, 0.64, 0.23, 0.60
HSL	322°, 47%, 27%
HSV	322°, 64%, 40%
XYZ	7.6330, 4.7465, 7.8784
YIQ	61.5220, 25.8540, 27.0540

Conversions

Conversions Part 2

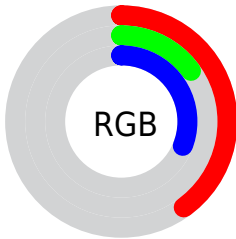
Format	Color
R_{YB}	103, 37, 79
Decimal	6759759
CIE Lab	26.00, 34.68, -10.93
CIE LCh	26, 36.365, 342.514
Yxy	4.7465, 0.3768, 0.2343
Android (android.graphics.Color)	4284949839 (0xFF67254F)
YUV	61.5220, 8.6167, 36.3762
Hunter-Lab	21.7865, 24.4119, -6.1899

Details

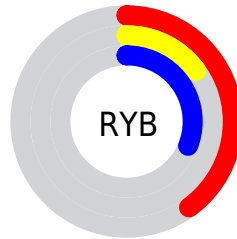
The CIELCh color **26, 36.365, 342.514** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **39, 36.000, 150.584**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 36.314, 342.521**, and **8, 30.583, 344.077** is the 20% darker color. If you saturate the color by 10%, you get **24, 40.385, 343.815**, and if you desaturate by 10%, it is **28, 31.502, 341.393**.

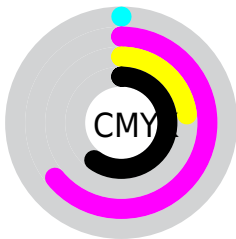
Distribution



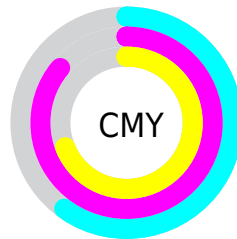
- Red (40%)
- Green (15%)
- Blue (31%)



- Red (40%)
- Yellow (15%)
- Blue (31%)



- Cyan (0%)
- Magenta (64%)
- Yellow (23%)
- Black (60%)





- Cyan (60%)
- Magenta (86%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 36.365, 342.514 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, 36.365, 342.514 by changing the saturation by 10% instead.

 26, 36.365,
342.514


 26, 36.365,
342.514

 100, 36.365,
342.514


 16, 36.365,
342.514


 46, 36.365,
342.514


 6, 36.365, 342.514

 56, 36.365,
342.514

 0, 36.365, 342.514

 66, 36.365,
342.514

 76, 36.365,
342.514

 86, 36.365,
342.514

 96, 36.365,

342.514

■ 26, 36.365,
342.514

■ 26, 36.365,
342.514

■ 24, 40.385,
343.815

■ 28, 31.502,
341.393

■ 23, 43.320,
345.362

■ 31, 26.064,
340.401

■ 22, 45.126,
347.198

■ 33, 20.282,
339.508

■ 21, 46.128,
348.263

■ 36, 14.337,
338.688

■ 39, 8.362, 337.925

■ 42, 2.447, 337.160

■ 45, 3.354, 156.662

■ 48, 9.008, 156.007

■ 52, 14.499,
155.422

Harmonies

Complementary

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



26, 36.365, 342.514



39, 36.000, 150.584

Rectangle

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



26, 36.365, 342.514



26, 36.365, 32.514



26, 36.365, 162.514



26, 36.365, 212.514

Sweetspot

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



26, 36.363, 342.515



48, 13.855, 338.327



21, 44.413, 307.878



23, 9.468, 338.485



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



26, 36.363, 342.515



31, 50.352, 344.546



25, 31.892, 16.637



20, 3.275, 337.534



24, 49.741, 348.610



53, 85.291, 350.333

Inverse Universe

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



26, 36.363, 342.515



31, 50.352, 344.546



39, 23.395, 181.475



20, 3.275, 337.534



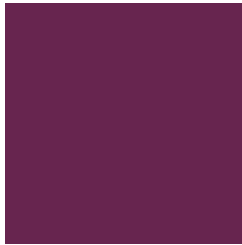
24, 49.741, 348.610



53, 85.291, 350.333

Previews

White Background



This preview shows how the CIELCh color 26, 36.365, 342.514 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, 36.365, 342.514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

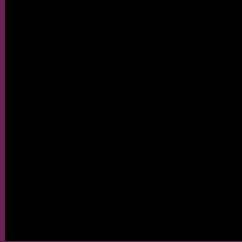
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 36.365, 342.514

Background



This preview shows how black text looks on a background with the CIELCh color 26, 36.365, 342.514.



This preview shows how white text looks on a background with the CIELCh color 26, 36.365, 342.514.

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, 36.365, 342.514

Protanopia

26, 23.680, 284.971

Deuteranopia

26, 9.185, 294.602



Tritanopia
26, 27.001, 21.508

Trichromacy



Original Color
26, 36.365, 342.514

Protanomaly
25, 25.898, 309.321

Deuteranomaly
25, 18.933, 327.152

Tritanomaly
26, 28.586, 4.602

Monochromacy



Original Color
26, 36.365, 342.514

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 14.485, 339.730

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 36.365, 342.514 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(103, 37, 79)` looks like.

```
.text, #text, p{  
    color:rgb(103, 37, 79)  
}
```

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(103, 37, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 37, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 36.365, 342.514 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(103, 37, 79) }
```

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

```
.border{ border-color:rgb(103, 37, 79) }
```

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

Here you see how a box with a 4 pixel rgb(103, 37, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 37, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 37, 79);  
box-shadow:4px 4px 4px 4px rgb(103, 37,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 36.365, 342.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 37, 79) }
```

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

```
.background{ background-color: rgb(103, 37,  
79) }
```

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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