

Converting Colors

CIELCh(26, 36.585, 342.975)

Have a look what the booklet for
CIELCh(26, 36.585, 342.975)
contains.

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Color

CIELCh(26, 36.918, 342.335)

Conversions

Conversions Part 1

Format	Color
Hex	67244F
RGB	103, 36, 79
RGB Percent	40%, 14%, 31%
CMY	0.5950, 0.8578, 0.6892
CMYK	0.00, 0.65, 0.23, 0.59
HSL	322°, 48%, 27%
HSV	322°, 65%, 41%
XYZ	7.6854, 4.7465, 7.9570
YIQ	60.9350, 26.1290, 27.5770

Conversions

Conversions Part 2

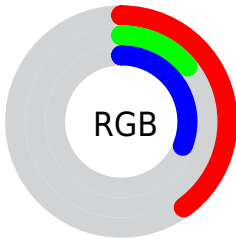
Format	Color
R_{YB}	103, 36, 79
Decimal	6759503
CIE _{Lab}	26.00, 35.18, -11.20
CIE _{LCh}	26, 36.918, 342.335
Yxy	4.7465, 0.3769, 0.2328
Android (android.graphics.Color)	4284949583 (0xFF67244F)
YUV	60.9350, 8.9060, 36.8910
Hunter-Lab	21.7865, 24.8413, -6.4037

Details

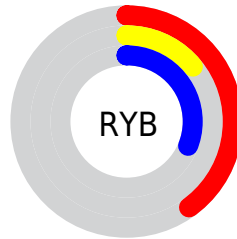
The CIELCh color **26, 36.918, 342.335** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **39, 36.620, 150.278**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 36.932, 342.295**, and **8, 30.583, 344.077** is the 20% darker color. If you saturate the color by 10%, you get **24, 40.888, 343.633**, and if you desaturate by 10%, it is **28, 32.078, 341.217**.

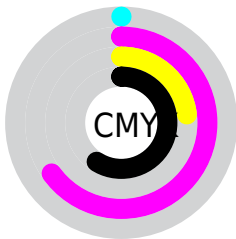
Distribution



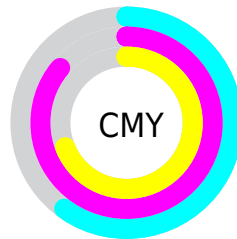
- Red (40%)
- Green (14%)
- Blue (31%)



- Red (40%)
- Yellow (14%)
- Blue (31%)



- Cyan (0%)
- Magenta (65%)
- Yellow (23%)
- Black (59%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 36.918, 342.335 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, 36.918, 342.335 by changing the saturation by 10% instead.

 26, 36.918,
342.335


 26, 36.918,
342.335

 100, 36.918,
342.335


 16, 36.918,
342.335


 46, 36.918,
342.335


 6, 36.918, 342.335

 56, 36.918,
342.335

 0, 36.918, 342.335

 66, 36.918,
342.335

 76, 36.918,
342.335

 86, 36.918,
342.335

 96, 36.918,

342.335

■ 26, 36.918,
342.335

■ 26, 36.918,
342.335

■ 24, 40.888,
343.633

■ 28, 32.078,
341.217

■ 23, 43.750,
345.174

■ 31, 26.640,
340.228

■ 22, 45.511,
346.991

■ 33, 20.838,
339.336

■ 21, 46.393,
347.911

■ 36, 14.859,
338.518

■ 39, 8.842, 337.756

■ 42, 2.877, 337.004

■ 45, 2.975, 156.500

■ 48, 8.682, 155.837

■ 52, 14.227,
155.251

Harmonies

Complementary

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



26, 36.918, 342.335



39, 36.620, 150.278

Rectangle

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



26, 36.918, 342.335



26, 36.918, 32.335



26, 36.918, 162.335



26, 36.918, 212.335

Sweetspot

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



26, 36.916, 342.336



49, 14.121, 338.107



21, 45.073, 307.931



24, 9.805, 338.271



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, 36.916, 342.336



32, 51.607, 344.427



25, 32.366, 16.837



20, 3.286, 337.315



24, 49.871, 348.236



53, 85.511, 349.923

Inverse Universe

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



26, 36.916, 342.336



32, 51.607, 344.427



39, 23.655, 181.398



20, 3.286, 337.315



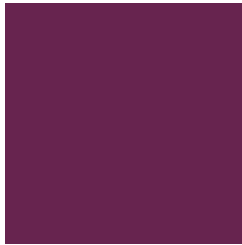
24, 49.871, 348.236



53, 85.511, 349.923

Previews

White Background



This preview shows how the CIELCh color 26, 36.918, 342.335 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, 36.918, 342.335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

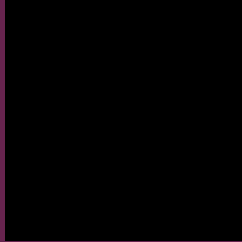
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 36.918, 342.335

Background



This preview shows how black text looks on a background with the CIELCh color 26, 36.918, 342.335.



This preview shows how white text looks on a background with the CIELCh color 26, 36.918, 342.335.

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, 36.918, 342.335

Protanopia
26, 24.310, 285.409

Deuteranopia
26, 9.837, 294.540



Tritanopia
26, 27.554, 21.795

Trichromacy



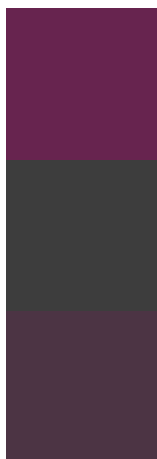
Original Color
26, 36.918, 342.335

Protanomaly
25, 26.514, 308.993

Deuteranomaly
25, 19.448, 326.026

Tritanomaly
26, 29.108, 3.927

Monochromacy



Original Color
26, 36.918, 342.335

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 14.898, 337.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 36.918, 342.335 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, 36, 79)` looks like.

```
.text, #text, p{  
    color:rgb(103, 36, 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, 36, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 36, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 36.918, 342.335 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, 36, 79) }
```

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

```
.border{ border-color:rgb(103, 36, 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, 36, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 36, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 36, 79);  
box-shadow:4px 4px 4px 4px rgb(103, 36,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 36.918, 342.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 36, 79) }
```

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

```
.background{ background-color: rgb(103, 36,  
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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