

Converting Colors

CIELCh(34, 26.984, 317.576)

Have a look what the booklet for
CIELCh(34, 26.984, 317.576)
contains.

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Color

CIELCh(34, 26.716, 317.747)

Conversions

Conversions Part 1

Format	Color
Hex	62466D
RGB	98, 70, 109
RGB Percent	38%, 27%, 43%
CMY	0.6172, 0.7269, 0.5740
CMYK	0.10, 0.36, 0.00, 0.57
HSL	283°, 22%, 35%
HSV	283°, 36%, 43%
XYZ	9.9049, 8.0082, 15.3854
YIQ	82.8180, 4.1690, 18.0650

Conversions

Conversions Part 2

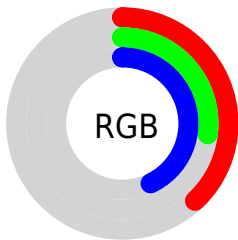
Format	Color
RYB	98, 70, 109
Decimal	6440557
CIELab	34.00, 19.77, -17.96
CIElCh	34, 26.716, 317.747
Yxy	8.0082, 0.2975, 0.2405
Android (android.graphics.Color)	4284630637 (0xFF62466D)
YUV	82.8180, 12.9077, 13.3146
Hunter-Lab	28.2988, 12.9541, -12.4255

Details

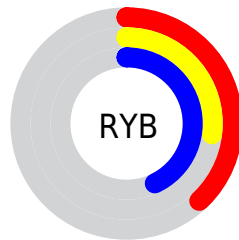
The CIELCh color $34, 26.716, 317.747$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $43, 26.098, 134.623$, and the grayscale version is $35, 0.005, 296.813$.

A 20% lighter version of the original color is $54, 26.690, 317.276$, and $14, 26.364, 318.251$ is the 20% darker color. If you saturate the color by 10%, you get $31, 34.160, 318.130$, and if you desaturate by 10%, it is $37, 19.182, 317.338$.

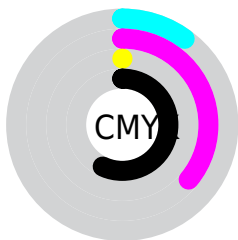
Distribution



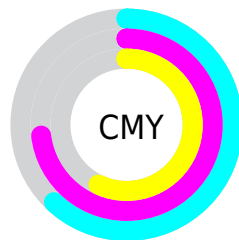
- Red (38%)
- Green (27%)
- Blue (43%)



- Red (38%)
- Yellow (27%)
- Blue (43%)



- Cyan (10%)
- Magenta (36%)
- Yellow (0%)
- Black (57%)




- Cyan (62%)
- Magenta (73%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 26.716, 317.747 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 34, 26.716, 317.747 by changing the saturation by 10% instead.


 34, 26.716,
317.747

 34, 26.716,
317.747


 100, 26.716,
317.747


 24, 26.716,
317.747

 54, 26.716,
317.747

 14, 26.716,
317.747

 64, 26.716,
317.747

 4, 26.716, 317.747

 74, 26.716,
317.747

 0, 26.716, 317.747

 84, 26.716,
317.747

 94, 26.716,
317.747

■ 34, 26.716,
317.747

■ 34, 26.716,
317.747

■ 31, 34.160,
318.130

■ 37, 19.182,
317.338

■ 28, 41.341,
318.460

■ 41, 11.680,
316.921

■ 25, 48.013,
318.700

■ 44, 4.285, 316.500

■ 23, 53.866,
318.805

■ 47, 2.958, 136.180

■ 21, 58.557,
318.721

■ 51, 10.023,
135.788

■ 19, 62.055,
318.452

■ 54, 16.900,
135.444

■ 19, 63.523,
318.366

■ 58, 23.584,
135.130

■ 61, 30.080,
134.844

■ 64, 36.391,
134.585

Harmonies

Complementary

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



34, 26.716, 317.747



43, 26.098, 134.623

Rectangle

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



34, 26.716, 317.747



34, 26.716, 7.747



34, 26.716, 137.747



34, 26.716, 187.747

Sweetspot

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



34, 26.715, 317.747



54, 9.936, 316.730



34, 17.776, 280.166



27, 6.734, 316.771



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



34, 26.715, 317.747



41, 39.500, 318.066



35, 24.587, 333.353



21, 4.059, 316.632



21, 67.120, 318.291



47, 115.829, 317.774

Inverse Universe

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



34, 18.456, 1.116



42, 27.490, 2.397



42, 24.466, 148.434



21, 2.728, 357.939



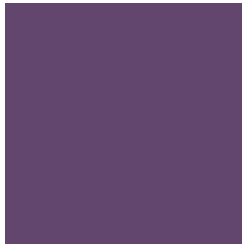
23, 49.173, 20.189



52, 86.364, 23.810

Previews

White Background



This preview shows how the CIELCh color 34, 26.716, 317.747 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 CIELCh color 34, 26.716, 317.747 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 34, 26.716, 317.747

Background



This preview shows how black text looks on a background with the CIELCh color 34, 26.716, 317.747.



This preview shows how white text looks on a background with the CIELCh color 34, 26.716, 317.747.

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

34, 26.716, 317.747

Protanopia

34, 23.335, 284.745

Deuteranopia

34, 17.625, 285.943



Tritanopia
34, 9.138, 356.740

Trichromacy



Original Color
34, 26.716, 317.747

Protanomaly
34, 23.291, 296.667

Deuteranomaly
34, 20.279, 299.857

Tritanomaly
34, 14.591, 331.231

Monochromacy



Original Color
34, 26.716, 317.747

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 9.743, 316.769

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 26.716, 317.747 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(98, 70, 109)` looks like.

```
.text, #text, p{  
    color:rgb(98, 70, 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(98, 70, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 70, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 26.716, 317.747 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(98, 70, 109) }
```

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

```
.border{ border-color:rgb(98, 70, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 70, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 70, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 70, 109);  
box-shadow:4px 4px 4px 4px rgb(98, 70,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 26.716, 317.747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 70, 109) }
```

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

```
.background{ background-color: rgb(98, 70,  
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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