

Converting Colors

CIELCh(28, 35.344, 326.912)

Have a look what the booklet for
CIELCh(28, 35.344, 326.912)
contains.

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Color

CIELCh(28, 35.265, 326.883)

Conversions

Conversions Part 1

Format	Color
Hex	603060
RGB	96, 48, 96
RGB Percent	38%, 19%, 38%
CMY	0.6232, 0.8115, 0.6232
CMYK	0.00, 0.50, 0.00, 0.62
HSL	300°, 33%, 28%
HSV	300°, 50%, 38%
XYZ	8.0076, 5.4574, 11.7168
YIQ	67.8240, 13.2000, 25.1040

Conversions

Conversions Part 2

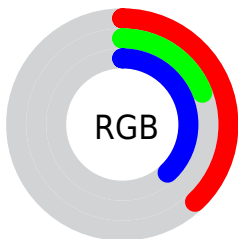
Format	Color
R_{YB}	96, 48, 96
Decimal	6303840
CIE _{Lab}	28.00, 29.54, -19.27
CIE _{LCh}	28, 35.265, 326.883
Yxy	5.4574, 0.3180, 0.2167
Android (android.graphics.Color)	4284493920 (0xFF603060)
YUV	67.8240, 13.8908, 24.7104
Hunter-Lab	23.3610, 20.3034, -13.3845

Details

The CIELCh color $28, 35.265, 326.883$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $36, 35.405, 140.736$, and the grayscale version is $29, 0.004, 296.813$.

A 20% lighter version of the original color is $48, 35.481, 326.821$, and $8, 34.891, 327.408$ is the 20% darker color. If you saturate the color by 10%, you get $26, 41.370, 327.284$, and if you desaturate by 10%, it is $30, 28.591, 326.435$.

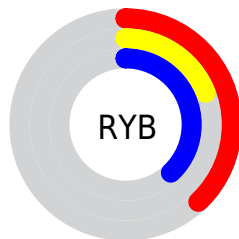
Distribution



Red (38%)

Green (19%)

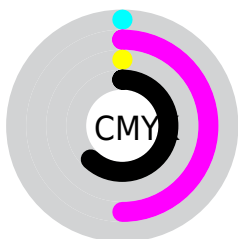
Blue (38%)



Red (38%)

Yellow (19%)

Blue (38%)

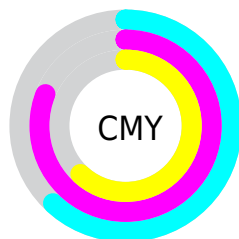


Cyan (0%)

Magenta (50%)

Yellow (0%)

Black (62%)



Cyan (62%)


Magenta (81%)


Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 35.265, 326.883 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 28, 35.265, 326.883 by changing the saturation by 10% instead.

 28, 35.265,
326.883


 28, 35.265,
326.883

 100, 35.265,
326.883


 18, 35.265,
326.883


 48, 35.265,
326.883


 8, 35.265, 326.883

 58, 35.265,
326.883

 0, 35.265, 326.883

 68, 35.265,
326.883

 78, 35.265,
326.883

 88, 35.265,
326.883

 98, 35.265,

326.883

■ 28, 35.265,
326.883

■ 28, 35.265,
326.883

■ 26, 41.370,
327.284

■ 30, 28.591,
326.435

■ 24, 46.669,
327.623

■ 33, 21.569,
325.953

■ 23, 50.931,
327.890

■ 35, 14.376,
325.449

■ 22, 53.991,
328.079

■ 38, 7.147, 324.929

■ 21, 56.540,
328.234

■ 41, 0.023, 151.161

■ 44, 7.068, 143.965

■ 21, 56.550,
328.235

■ 47, 13.951,
143.469

■ 49, 20.647,
143.000

■ 52, 27.147,
142.554

Harmonies

Complementary

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



28, 35.265, 326.883



36, 35.405, 140.736

Rectangle

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



28, 35.265, 326.883



28, 35.265, 16.883



28, 35.265, 146.883



28, 35.265, 196.883

Sweetspot

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



28, 35.264, 326.883



47, 13.392, 325.217



22, 32.095, 296.775



23, 9.213, 325.292



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



28, 35.264, 326.883



34, 51.109, 327.352



27, 25.558, 348.507



18, 4.050, 324.872



26, 63.081, 328.235



57, 110.273, 328.235

Inverse Universe

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



28, 35.264, 326.883



34, 51.109, 327.352



37, 24.257, 158.860



18, 4.050, 324.872



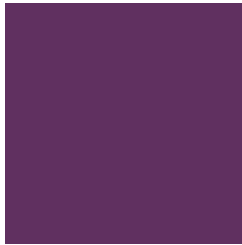
26, 63.081, 328.235



57, 110.273, 328.235

Previews

White Background



This preview shows how the CIELCh color 28, 35.265, 326.883 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 28, 35.265, 326.883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

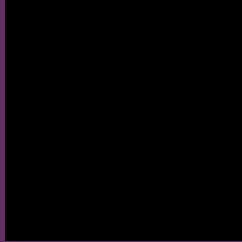
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 35.265, 326.883

Background



This preview shows how black text looks on a background with the CIELCh color 28, 35.265, 326.883.



This preview shows how white text looks on a background with the CIELCh color 28, 35.265, 326.883.

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

28, 35.265, 326.883

Protanopia

28, 29.876, 285.630

Deuteranopia

28, 17.587, 283.876



Tritanopia
28, 16.639, 13.916

Trichromacy



Original Color
28, 35.265, 326.883

Protanomaly
28, 30.615, 299.578

Deuteranomaly
28, 23.352, 306.561

Tritanomaly
28, 21.153, 346.740

Monochromacy



Original Color
28, 35.265, 326.883

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 13.211, 325.509

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 35.265, 326.883 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(96, 48, 96)` looks like.

```
.text, #text, p{  
    color:rgb(96, 48, 96)  
}
```

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(96, 48, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 48, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 35.265, 326.883 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(96, 48, 96) }
```

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

```
.border{ border-color:rgb(96, 48, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 48, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 48, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 48, 96);  
box-shadow:4px 4px 4px 4px rgb(96, 48, 96)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 35.265, 326.883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 48, 96) }
```

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

```
.background{ background-color: rgb(96, 48,  
96) }
```

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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