

Converting Colors

CIELCh(28, 32.317, 315.655)

Have a look what the booklet for
CIELCh(28, 32.317, 315.655)
contains.

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Color

CIELCh(28, 32.246, 315.638)

Conversions

Conversions Part 1

Format	Color
Hex	543665
RGB	84, 54, 101
RGB Percent	33%, 21%, 40%
CMY	0.6707, 0.7884, 0.6041
CMYK	0.17, 0.47, 0.00, 0.60
HSL	278°, 30%, 30%
HSV	278°, 47%, 40%
XYZ	7.3179, 5.4574, 12.9707
YIQ	68.3280, 2.7930, 20.9770

Conversions

Conversions Part 2

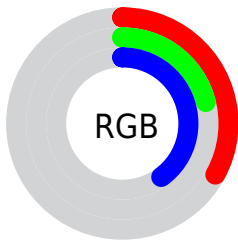
Format	Color
R_{YB}	84, 54, 101
Decimal	5518949
CIE _{Lab}	28.00, 23.05, -22.55
CIE _{LCh}	28, 32.246, 315.638
Yxy	5.4574, 0.2842, 0.2120
Android (android.graphics.Color)	4283709029 (0xFF543665)
YUV	68.3280, 16.1073, 13.7443
Hunter-Lab	23.3610, 15.0337, -16.5667

Details

The CIELCh color **28, 32.246, 315.638** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **39, 30.937, 131.667**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **48, 31.874, 315.836**, and **8, 32.648, 315.653** is the 20% darker color. If you saturate the color by 10%, you get **25, 39.068, 315.997**, and if you desaturate by 10%, it is **31, 25.244, 315.234**.

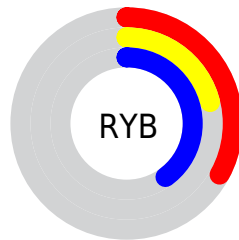
Distribution



Red (33%)

Green (21%)

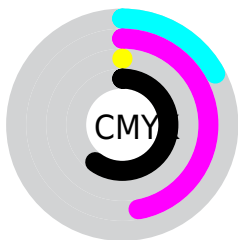
Blue (40%)



Red (33%)

Yellow (21%)

Blue (40%)

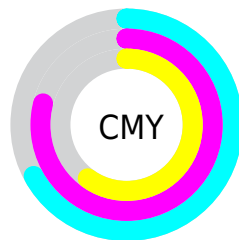


Cyan (17%)

Magenta (47%)

Yellow (0%)

Black (60%)



Cyan (67%)


Magenta (79%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 32.246, 315.638 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, 32.246, 315.638 by changing the saturation by 10% instead.

 28, 32.246,
315.638


 28, 32.246,
315.638

 100, 32.246,
315.638


 18, 32.246,
315.638


 48, 32.246,
315.638


 8, 32.246, 315.638

 58, 32.246,
315.638

 0, 32.246, 315.638

 68, 32.246,
315.638

 78, 32.246,
315.638

 88, 32.246,
315.638

 98, 32.246,

315.638

■ 28, 32.246,
315.638

■ 28, 32.246,
315.638

■ 25, 39.068,
315.997

■ 31, 25.244,
315.234

■ 22, 45.497,
316.270

■ 34, 18.213,
314.813

■ 20, 51.243,
316.405

■ 37, 11.247,
314.392

■ 18, 55.961,
316.338

■ 41, 4.403, 313.977

■ 16, 59.755,
316.115

■ 44, 2.285, 133.664

■ 47, 8.801, 133.281

■ 16, 61.154,
316.080

■ 50, 15.138,
132.954

■ 54, 21.298,
132.659

■ 57, 27.283,
132.394

Harmonies

Complementary

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



28, 32.246, 315.638



39, 30.937, 131.667

Rectangle

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



28, 32.246, 315.638



28, 32.246, 5.638



28, 32.246, 135.638



28, 32.246, 185.638

Sweetspot

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



28, 32.245, 315.638



49, 11.690, 314.303



30, 19.673, 276.052



24, 8.147, 314.369



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



28, 32.245, 315.638



33, 47.606, 316.029



30, 31.460, 330.943



19, 3.817, 314.077



19, 67.019, 315.929



43, 116.718, 315.312

Inverse Universe

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



29, 23.320, 357.058



35, 34.334, 358.997



39, 31.515, 144.723



19, 2.730, 352.536



23, 47.150, 12.825



51, 82.611, 16.393

Previews

White Background



This preview shows how the CIELCh color 28, 32.246, 315.638 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 28, 32.246, 315.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

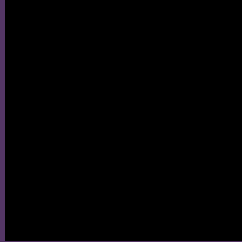
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 32.246, 315.638

Background



This preview shows how black text looks on a background with the CIELCh color 28, 32.246, 315.638.



This preview shows how white text looks on a background with the CIELCh color 28, 32.246, 315.638.

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, 32.246, 315.638

Protanopia

28, 29.876, 285.630

Deuteranopia

28, 21.642, 281.430



Tritanopia
28, 8.354, 358.333

Trichromacy



Original Color
28, 32.246, 315.638

Protanomaly
28, 29.799, 295.646

Deuteranomaly
28, 24.657, 296.394

Tritanomaly
28, 15.974, 328.417

Monochromacy



Original Color
28, 32.246, 315.638

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 11.986, 314.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 32.246, 315.638 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(84, 54, 101)` looks like.

```
.text, #text, p{  
    color:rgb(84, 54, 101)  
}
```

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(84, 54, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 54, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 32.246, 315.638 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(84, 54, 101) }
```

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

```
.border{ border-color:rgb(84, 54, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 54, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 54, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 54, 101);  
box-shadow:4px 4px 4px 4px rgb(84, 54,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 32.246, 315.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 54, 101) }
```

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

```
.background{ background-color: rgb(84, 54,  
101) }
```

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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