

Converting Colors

CIELCh(28, 15.452, 337.496)

Have a look what the booklet for
CIELCh(28, 15.452, 337.496)
contains.

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Color

CIELCh(28, 15.729, 338.365)

Conversions

Conversions Part 1

Format	Color
Hex	543A4B
RGB	84, 58, 75
RGB Percent	33%, 23%, 29%
CMY	0.6696, 0.7716, 0.7049
CMYK	0.00, 0.31, 0.11, 0.67
HSL	321°, 18%, 28%
HSV	321°, 31%, 33%
XYZ	6.4816, 5.4574, 7.4117
YIQ	67.7120, 10.0390, 10.7990

Conversions

Conversions Part 2

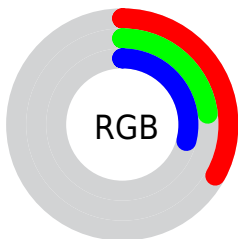
Format	Color
R_{YB}	84, 58, 75
Decimal	5519947
CIE Lab	28.00, 14.62, -5.80
CIE LCh	28, 15.729, 338.365
Yxy	5.4574, 0.3350, 0.2820
Android (android.graphics.Color)	4283710027 (0xFF543A4B)
YUV	67.7120, 3.5930, 14.2846
Hunter-Lab	23.3610, 8.6435, -2.4581

Details

The CIELCh color **28, 15.729, 338.365** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33, 15.504, 153.891**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **48, 16.145, 337.692**, and **8, 15.211, 338.577** is the 20% darker color. If you saturate the color by 10%, you get **26, 20.759, 339.178**, and if you desaturate by 10%, it is **30, 10.608, 337.611**.

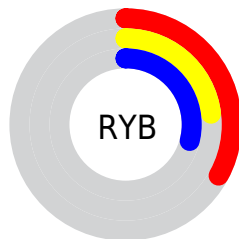
Distribution



Red (33%)

Green (23%)

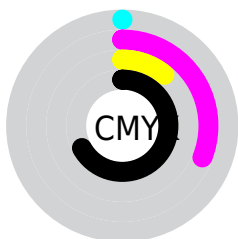
Blue (29%)



Red (33%)

Yellow (23%)

Blue (29%)

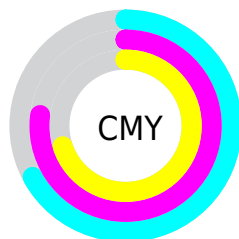


Cyan (0%)

Magenta (31%)

Yellow (11%)

Black (67%)



Cyan (67%)


Magenta (77%)


Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 15.729, 338.365 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, 15.729, 338.365 by changing the saturation by 10% instead.

 28, 15.729,
338.365


 28, 15.729,
338.365

 100, 15.729,
338.365


 18, 15.729,
338.365


 48, 15.729,
338.365


 8, 15.729, 338.365

 58, 15.729,
338.365

 0, 15.729, 338.365

 68, 15.729,
338.365

 78, 15.729,
338.365

 88, 15.729,
338.365

 98, 15.729,

338.365

■ 28, 15.729,
338.365

■ 28, 15.729,
338.365

■ 26, 20.759,
339.178

■ 30, 10.608,
337.611

■ 23, 25.571,
340.065

■ 33, 5.492, 336.896

■ 22, 29.991,
341.049

■ 36, 0.442, 335.847

■ 38, 4.503, 155.704

■ 20, 33.818,
342.165

■ 41, 9.323, 155.103

■ 18, 36.837,
343.459

■ 44, 14.005,
154.551

■ 17, 38.924,
344.980

■ 46, 18.550,
154.033

■ 16, 40.750,
346.339

■ 49, 22.958,
153.547

■ 52, 27.237,
153.088

Harmonies

Complementary

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



28, 15.729, 338.365



33, 15.504, 153.891

Rectangle

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



28, 15.729, 338.365



28, 15.729, 28.365



28, 15.729, 158.365



28, 15.729, 208.365

Sweetspot

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



28, 15.728, 338.366



43, 5.642, 336.785



26, 17.444, 304.830



22, 3.955, 336.853



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



28, 15.728, 338.366



35, 23.390, 338.960



28, 12.392, 8.865



16, 2.889, 336.750



22, 47.881, 347.111



52, 84.050, 348.858

Inverse Universe

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



28, 15.728, 338.366



35, 23.390, 338.960



34, 10.890, 183.332



16, 2.889, 336.750



22, 47.881, 347.111



52, 84.050, 348.858

Previews

White Background



This preview shows how the CIE LCh color 28, 15.729, 338.365 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, 15.729, 338.365 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, 15.729, 338.365

Background



This preview shows how black text looks on a background with the CIELCh color 28, 15.729, 338.365.



This preview shows how white text looks on a background with the CIELCh color 28, 15.729, 338.365.

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, 15.729, 338.365

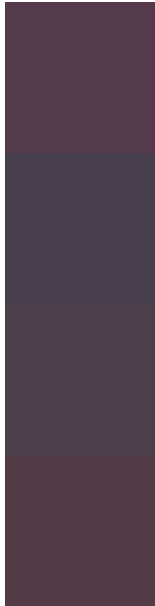
Protanopia
28, 9.112, 284.236

Deuteranopia
28, 6.102, 307.619



Tritanopia
28, 11.032, 4.631

Trichromacy



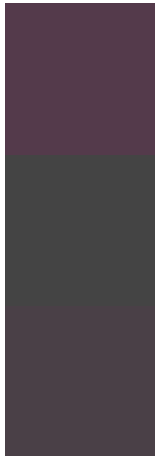
Original Color
28, 15.729, 338.365

Protanomaly
28, 10.346, 310.998

Deuteranomaly
28, 8.856, 327.580

Tritanomaly
28, 12.538, 351.012

Monochromacy



Original Color
28, 15.729, 338.365

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 6.342, 335.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 15.729, 338.365 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, 58, 75)` looks like.

```
.text, #text, p{  
    color:rgb(84, 58, 75)  
}
```

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, 58, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 58, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 15.729, 338.365 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, 58, 75) }
```

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

```
.border{ border-color:rgb(84, 58, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 58, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 58, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 58, 75);  
box-shadow:4px 4px 4px 4px rgb(84, 58, 75)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 15.729, 338.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 58, 75) }
```

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

```
.background{ background-color: rgb(84, 58,  
75) }
```

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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