

Converting Colors

CIELCh(27, 29.356, 317.182)

Have a look what the booklet for
CIELCh(27, 29.356, 317.182)
contains.

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Color

CIELCh(27, 29.356, 317.182)

Conversions

Conversions Part 1

Format	Color
Hex	52355F
RGB	82, 53, 95
RGB Percent	32%, 21%, 37%
CMY	0.6804, 0.7939, 0.6294
CMYK	0.14, 0.44, 0.00, 0.63
HSL	281°, 29%, 29%
HSV	281°, 44%, 37%
XYZ	6.7324, 5.0937, 11.3372
YIQ	66.4590, 3.8020, 19.2100

Conversions

Conversions Part 2

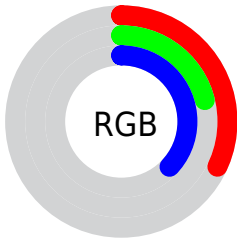
Format	Color
R_{YB}	82, 53, 95
Decimal	5387615
CIE _{Lab}	27.00, 21.53, -19.95
CIE _{LCh}	27, 29.356, 317.182
Yxy	5.0937, 0.2907, 0.2199
Android (android.graphics.Color)	4283577695 (0xFF52355F)
YUV	66.4590, 14.0707, 13.6295
Hunter-Lab	22.5692, 13.7507, -13.9848

Details

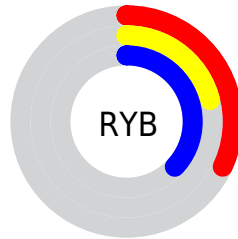
The CIELCh color $[27, 29.356, 317.182]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[37, 28.436, 133.385]$, and the grayscale version is $[28, 0.004, 296.813]$.

A 20% lighter version of the original color is $[47, 29.727, 316.907]$, and $[7, 29.511, 317.138]$ is the 20% darker color. If you saturate the color by 10%, you get $[24, 35.844, 317.529]$, and if you desaturate by 10%, it is $[30, 22.696, 316.793]$.

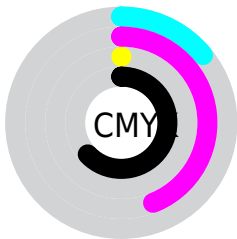
Distribution



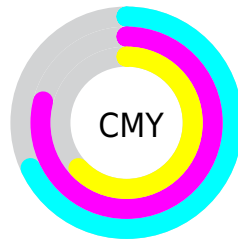
- Red (32%)
- Green (21%)
- Blue (37%)



- Red (32%)
- Yellow (21%)
- Blue (37%)



- Cyan (14%)
- Magenta (44%)
- Yellow (0%)
- Black (63%)





- Cyan (68%)
- Magenta (79%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 29.356, 317.182 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 27, 29.356, 317.182 by changing the saturation by 10% instead.

 27, 29.356,
317.182

 27, 29.356,
317.182

 100, 29.356,
317.182


 17, 29.356,
317.182


 47, 29.356,
317.182


 7, 29.356, 317.182

 57, 29.356,
317.182

 0, 29.356, 317.182

 67, 29.356,
317.182

 77, 29.356,
317.182

 87, 29.356,
317.182

 97, 29.356,

317.182

■ 27, 29.356,
317.182

■ 27, 29.356,
317.182

■ 24, 35.844,
317.529

■ 30, 22.696,
316.793

■ 22, 41.972,
317.799

■ 33, 16.003,
316.385

■ 20, 47.484,
317.950

■ 36, 9.364, 315.975

■ 18, 52.080,
317.927

■ 39, 2.835, 315.557

■ 16, 55.701,
317.732

■ 42, 3.551, 135.249

■ 15, 57.822,
317.676

■ 45, 9.778, 134.881
■ 48, 15.839,
134.554

■ 51, 21.732,
134.256

■ 54, 27.460,
133.986

Harmonies

Complementary

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



27, 29.356, 317.182



37, 28.436, 133.385

Rectangle

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



27, 29.356, 317.182



27, 29.356, 7.182



27, 29.356, 137.182



27, 29.356, 187.182

Sweetspot

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



27, 29.355, 317.182



46, 10.448, 315.934



28, 18.942, 279.371



22, 7.253, 315.998



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



27, 29.355, 317.182



32, 43.200, 317.535



28, 27.561, 332.600



18, 3.703, 315.751



19, 65.320, 317.484



45, 114.585, 316.900

Inverse Universe

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



28, 20.678, 0.323



33, 30.567, 2.114



36, 27.523, 146.546



18, 2.541, 355.999



22, 47.062, 17.433



51, 83.739, 21.257

Previews

White Background



This preview shows how the CIE LCh color 27, 29.356, 317.182 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 27, 29.356, 317.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

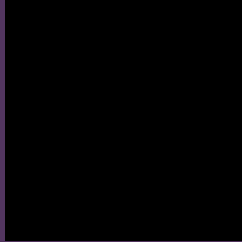
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 29.356, 317.182

Background



This preview shows how black text looks on a background with the CIELCh color 27, 29.356, 317.182.



This preview shows how white text looks on a background with the CIELCh color 27, 29.356, 317.182.

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

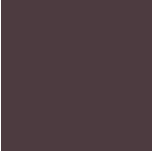
27, 29.356, 317.182

Protanopia

27, 26.196, 284.515

Deuteranopia

27, 18.458, 281.359



Tritanopia
27, 8.850, 359.684

Trichromacy



Original Color
27, 29.356, 317.182

Protanomaly
27, 26.754, 295.979

Deuteranomaly
27, 21.584, 297.229

Tritanomaly
27, 15.066, 331.473

Monochromacy



Original Color
27, 29.356, 317.182

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 10.874, 317.531

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 29.356, 317.182 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(82, 53, 95)` looks like.

```
.text, #text, p{  
    color:rgb(82, 53, 95)  
}
```

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(82, 53, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 53, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 29.356, 317.182 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(82, 53, 95) }
```

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

```
.border{ border-color:rgb(82, 53, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 53, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 53, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 53, 95);  
box-shadow:4px 4px 4px 4px rgb(82, 53, 95)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 29.356, 317.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 53, 95) }
```

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

```
.background{ background-color: rgb(82, 53,  
95) }
```

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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