

Converting Colors

CIELCh(27, 6.134, 355.068)

Have a look what the booklet for
CIELCh(27, 6.134, 355.068) contains.

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Color

CIELCh(27, 6.035, 355.088)

Conversions

Conversions Part 1

Format	Color
Hex	493D41
RGB	73, 61, 65
RGB Percent	29%, 24%, 25%
CMY	0.7148, 0.7618, 0.7461
CMYK	0.00, 0.16, 0.11, 0.71
HSL	340°, 9%, 26%
HSV	340°, 16%, 29%
XYZ	5.3280, 5.0937, 5.6629
YIQ	65.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

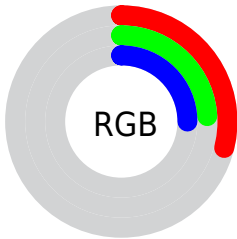
Format	Color
RYB	73, 61, 65
Decimal	4799809
CIELab	27.00, 6.01, -0.52
CIELCh	27, 6.035, 355.088
Yxy	5.0937, 0.3312, 0.3167
Android (android.graphics.Color)	4282989889 (0xFF493D41)
YUV	65.0440, -0.0217, 6.9774
Hunter-Lab	22.5692, 2.6434, 0.9217

Details

The CIELCh color **27, 6.035, 355.088** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30, 5.812, 172.355**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 6.479, 353.108**, and **7, 5.931, 352.120** is the 20% darker color. If you saturate the color by 10%, you get **25, 9.836, 356.132**, and if you desaturate by 10%, it is **29, 2.335, 354.131**.

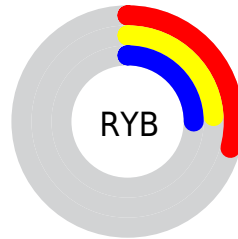
Distribution



Red (29%)

Green (24%)

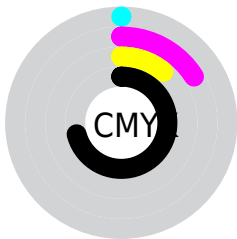
Blue (25%)



Red (29%)

Yellow (24%)

Blue (25%)

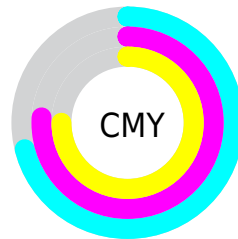


Cyan (0%)

Magenta (16%)

Yellow (11%)

Black (71%)



Cyan (71%)

Magenta (76%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 27, 6.035, 355.088 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, 6.035, 355.088 by changing the saturation by 10% instead.

■ 27, 6.035, 355.088

■ 27, 6.035, 355.088

■ 100, 6.035,
355.088

■ 17, 6.035, 355.088

■ 47, 6.035, 355.088

■ 7, 6.035, 355.088

■ 57, 6.035, 355.088

■ 0, 6.035, 355.088

■ 67, 6.035, 355.088

■ 77, 6.035, 355.088

■ 87, 6.035, 355.088

■ 97, 6.035, 355.088

■ 27, 6.035, 355.088

■ 27, 6.035, 355.088

25, 9.836, 356.132

29, 2.335, 354.131

22, 13.701,
357.318

32, 1.238, 173.606

20, 17.561,
358.702

34, 4.676, 172.746

37, 7.979, 172.067

18, 21.322, 0.349

39, 11.149,
171.457

17, 24.855, 2.344

42, 14.194,
170.898

15, 28.016, 4.794

14, 30.671, 7.827

44, 17.123,
170.384

13, 33.282, 10.867

46, 19.945,
169.907

12, 34.303, 11.800

49, 22.668,
169.463

Harmonies

Complementary

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



27, 6.035, 355.088



30, 5.812, 172.355

Rectangle

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



27, 6.035, 355.088



27, 6.035, 45.088



27, 6.035, 175.088



27, 6.035, 225.088

Sweetspot

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



27, 6.034, 355.093



39, 2.229, 353.998



27, 8.589, 315.279



19, 1.535, 354.035



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



27, 6.034, 355.093



34, 9.143, 355.523



27, 4.816, 35.624



13, 1.982, 354.334



19, 42.786, 14.436



48, 79.422, 18.872

Inverse Universe

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



27, 6.034, 355.093



34, 9.143, 355.523



29, 4.373, 215.980



13, 1.982, 354.334



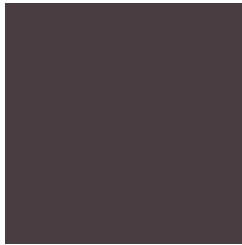
19, 42.786, 14.436



48, 79.422, 18.872

Previews

White Background



This preview shows how the CIELCh color 27, 6.035, 355.088 looks on a white background.

Color Contrast Check

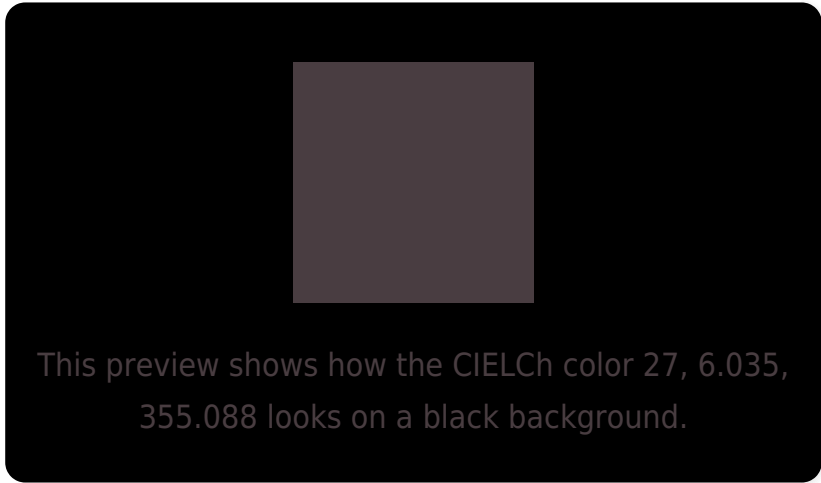
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

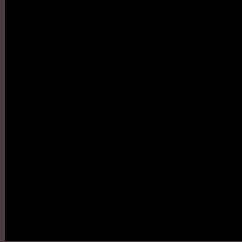
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 6.035, 355.088

Background



This preview shows how black text looks on a background with the CIELCh color 27, 6.035, 355.088.

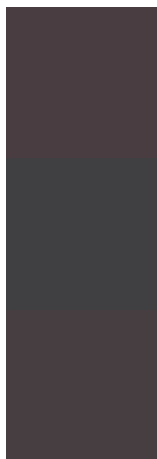


This preview shows how white text looks on a background with the CIELCh color 27, 6.035, 355.088.

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, 6.035, 355.088

Protanopia

27, 1.304, 290.459

Deuteranopia

27, 4.113, 351.867



Tritanopia
27, 6.035, 355.088

Trichromacy



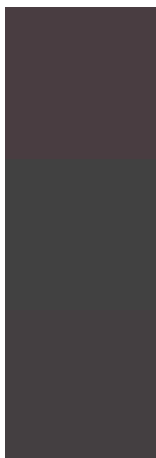
Original Color
27, 6.035, 355.088

Protanomaly
27, 2.660, 332.623

Deuteranomaly
27, 4.520, 354.718

Tritanomaly
27, 6.035, 355.088

Monochromacy



Original Color
27, 6.035, 355.088

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 2.606, 349.917

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 6.035, 355.088 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(73, 61, 65)` looks like.

```
.text, #text, p{  
    color:rgb(73, 61, 65)  
}
```

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(73, 61, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 61, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 6.035, 355.088 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(73, 61, 65) }
```

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

```
.border{ border-color:rgb(73, 61, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 61, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 61, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 61, 65);  
box-shadow:4px 4px 4px 4px rgb(73, 61, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 6.035, 355.088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 61, 65) }
```

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

```
.background{ background-color: rgb(73, 61,  
65) }
```

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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