

Converting Colors

CIELCh(27, 15.085, 352.872)

Have a look what the booklet for
CIELCh(27, 15.085, 352.872)
contains.

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Color

CIELCh(27, 15.544, 352.813)

Conversions

Conversions Part 1

Format	Color
Hex	553743
RGB	85, 55, 67
RGB Percent	33%, 22%, 26%
CMY	0.6660, 0.7837, 0.7366
CMYK	0.00, 0.35, 0.21, 0.67
HSL	336°, 21%, 28%
HSV	336°, 35%, 33%
XYZ	6.1532, 5.0937, 5.9941
YIQ	65.3380, 14.0280, 10.0920

Conversions

Conversions Part 2

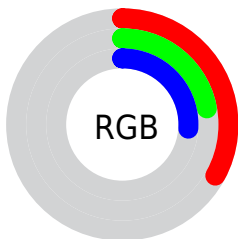
Format	Color
R_{YB}	85, 55, 67
Decimal	5584707
CIE _{Lab}	27.00, 15.42, -1.94
CIE _{LCh}	27, 15.544, 352.813
Yxy	5.0937, 0.3569, 0.2954
Android (android.graphics.Color)	4283774787 (0xFF553743)
YUV	65.3380, 0.8194, 17.2436
Hunter-Lab	22.5692, 9.1700, 0.0516

Details

The CIELCh color **27, 15.544, 352.813** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **34, 14.583, 166.238**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 15.586, 352.123**, and **7, 15.754, 353.566** is the 20% darker color. If you saturate the color by 10%, you get **25, 20.005, 354.119**, and if you desaturate by 10%, it is **30, 11.041, 351.686**.

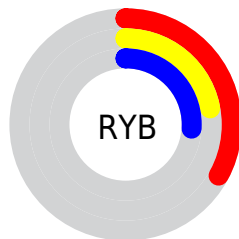
Distribution



 Red (33%)

 Green (22%)

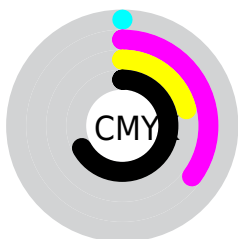
 Blue (26%)




 Red (33%)

 Yellow (22%)

 Blue (26%)

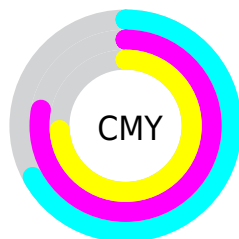



 Cyan (0%)


 Magenta (35%)

 Yellow (21%)

 Black (67%)



 Cyan (67%)


 Magenta (78%)


 Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 15.544, 352.813 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, 15.544, 352.813 by changing the saturation by 10% instead.

 27, 15.544,
352.813


 27, 15.544,
352.813

 100, 15.544,
352.813


 17, 15.544,
352.813


 47, 15.544,
352.813


 7, 15.544, 352.813

 57, 15.544,
352.813

 0, 15.544, 352.813

 67, 15.544,
352.813

 77, 15.544,
352.813

 87, 15.544,
352.813

 97, 15.544,

352.813

■ 27, 15.544,
352.813

■ 27, 15.544,
352.813

■ 25, 20.005,
354.119

■ 30, 11.041,
351.686

■ 22, 24.304,
355.658

■ 32, 6.586, 350.687

■ 20, 28.277,
357.511

■ 35, 2.232, 349.740

■ 38, 1.991, 169.179

■ 19, 31.738,
359.783

■ 40, 6.068, 168.382

■ 17, 34.514, 2.606

■ 43, 9.996, 167.712

■ 16, 36.798, 5.827

■ 46, 13.777,
167.102

■ 16, 38.005, 7.235

■ 49, 17.418,
166.542

■ 51, 20.929,
166.023

Harmonies

Complementary

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



27, 15.544, 352.813



34, 14.583, 166.238

Rectangle

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



27, 15.544, 352.813



27, 15.544, 42.813



27, 15.544, 172.813



27, 15.544, 222.813

Sweetspot

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



27, 15.543, 352.815



43, 5.826, 350.323



26, 20.977, 313.913



21, 3.950, 350.393



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



27, 15.543, 352.815



33, 22.881, 353.860



27, 13.276, 30.014



16, 2.433, 350.085



21, 44.627, 8.842



50, 79.765, 12.566

Inverse Universe

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



27, 15.543, 352.815



33, 22.881, 353.860



33, 10.530, 208.436



16, 2.433, 350.085



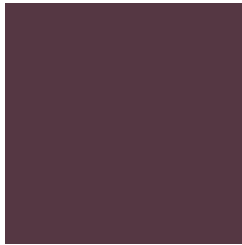
21, 44.627, 8.842



50, 79.765, 12.566

Previews

White Background



This preview shows how the CIE LCh color 27, 15.544, 352.813 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 27, 15.544, 352.813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

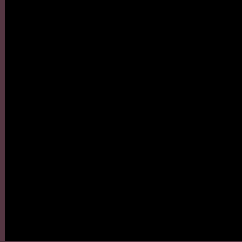
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 15.544, 352.813

Background



This preview shows how black text looks on a background with the CIELCh color 27, 15.544, 352.813.



This preview shows how white text looks on a background with the CIELCh color 27, 15.544, 352.813.

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, 15.544, 352.813

Protanopia

27, 5.214, 286.531

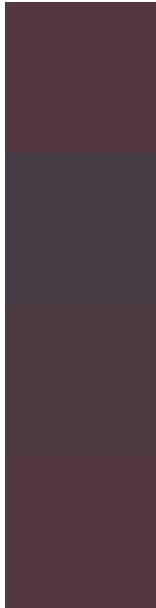
Deuteranopia

27, 4.448, 344.459



Tritanopia
27, 13.441, 8.279

Trichromacy



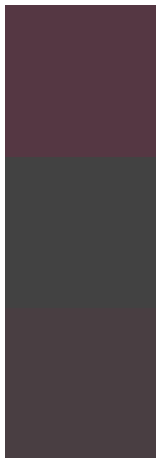
Original Color
27, 15.544, 352.813

Protanomaly
27, 7.356, 327.978

Deuteranomaly
27, 8.225, 352.808

Tritanomaly
27, 13.662, 2.943

Monochromacy



Original Color
27, 15.544, 352.813

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 5.610, 352.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 15.544, 352.813 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(85, 55, 67)` looks like.

```
.text, #text, p{  
    color:rgb(85, 55, 67)  
}
```

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(85, 55, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 55, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 15.544, 352.813 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(85, 55, 67) }
```

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

```
.border{ border-color:rgb(85, 55, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 55, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 55, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 55, 67);  
box-shadow:4px 4px 4px 4px rgb(85, 55, 67)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 15.544, 352.813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 55, 67) }
```

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

```
.background{ background-color: rgb(85, 55,  
67) }
```

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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