

Converting Colors

CIELCh(27, 6.818, 215.193)

Have a look what the booklet for
CIELCh(27, 6.818, 215.193) contains.

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Color

CIELCh(27, 6.808, 215.183)

Conversions

Conversions Part 1	
Format	Color
Hex	334346
RGB	51, 67, 70
RGB Percent	20%, 26%, 27%
CMY	0.8016, 0.7389, 0.7272
CMYK	0.27, 0.04, 0.00, 0.73
HSL	189°, 16%, 24%
HSV	189°, 27%, 27%
XYZ	4.4183, 5.0937, 6.4739
YIQ	62.5580, -10.4990, -2.4590

Conversions

Conversions Part 2

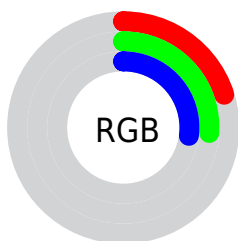
Format	Color
RYB	51, 60, 70
Decimal	3359558
CIELab	27.00, -5.56, -3.92
CIELCh	27, 6.808, 215.183
Yxy	5.0937, 0.2764, 0.3186
Android (android.graphics.Color)	4281549638 (0xFF334346)
YUV	62.5580, 3.6689, -10.1364
Hunter-Lab	22.5692, -4.5515, -1.2087

Details

The CIELCh color **27, 6.808, 215.183** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24, 8.043, 34.909**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 6.753, 214.045**, and **7, 6.714, 219.220** is the 20% darker color. If you saturate the color by 10%, you get **26, 8.996, 215.554**, and if you desaturate by 10%, it is **28, 4.437, 214.947**.

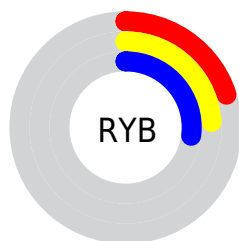
Distribution



Red (20%)

Green (26%)

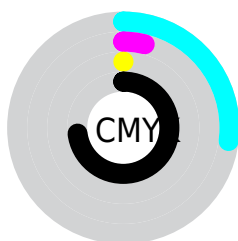
Blue (27%)



Red (20%)

Yellow (24%)

Blue (27%)

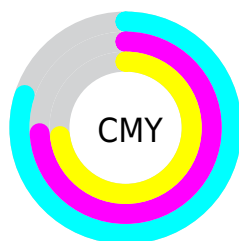


Cyan (27%)

Magenta (4%)

Yellow (0%)

Black (73%)



Cyan (80%)

Magenta (74%)

Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 27, 6.808, 215.183 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, 6.808, 215.183 by changing the saturation by 10% instead.

 27, 6.808, 215.183

 27, 6.808, 215.183

 100, 6.808,
215.183

 17, 6.808, 215.183

 47, 6.808, 215.183

 7, 6.808, 215.183

 57, 6.808, 215.183

 0, 6.808, 215.183

 67, 6.808, 215.183

 77, 6.808, 215.183

 87, 6.808, 215.183

 97, 6.808, 215.183

 27, 6.808, 215.183

 27, 6.808, 215.183

■ 26, 8.996, 215.554

■ 28, 4.437, 214.947

■ 25, 10.968,
216.103

■ 29, 1.916, 214.883

■ 25, 12.691,
216.857

■ 30, 0.726, 34.337

■ 31, 3.463, 34.638

■ 24, 14.138,
217.857

■ 32, 6.272, 34.743

■ 23, 15.289,
219.148

■ 33, 9.134, 34.871

■ 34, 12.033, 35.025

■ 23, 16.141,
220.772

■ 35, 14.957, 35.201

■ 22, 16.924,
222.388

■ 36, 17.894, 35.393

■ 22, 17.145,
222.792

Harmonies

Complementary

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



27, 6.808, 215.183



24, 8.043, 34.909

Rectangle

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



27, 6.808, 215.183



27, 6.808, 265.183



27, 6.808, 35.183



27, 6.808, 85.183

Sweetspot

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



27, 6.808, 215.177



37, 2.580, 214.877



28, 13.543, 147.138



18, 1.846, 214.875



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



27, 6.808, 215.177



34, 9.896, 215.424



24, 8.543, 273.370



14, 1.492, 214.876



32, 21.854, 224.404



71, 39.870, 226.809

Inverse Universe

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



24, 13.505, 330.571



29, 20.059, 330.966



27, 8.633, 86.656



13, 2.800, 329.523



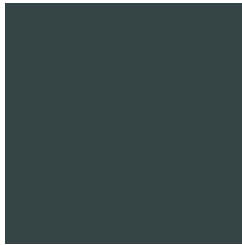
21, 51.569, 335.198



52, 93.399, 335.813

Previews

White Background



This preview shows how the CIELCh color 27, 6.808, 215.183 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, 6.808, 215.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

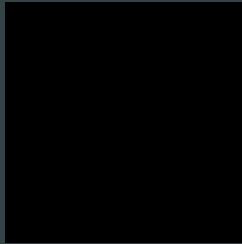
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 6.808, 215.183

Background



This preview shows how black text looks on a background with the CIELCh color 27, 6.808, 215.183.



This preview shows how white text looks on a background with the CIELCh color 27, 6.808, 215.183.

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, 6.808, 215.183

Protanopia

27, 3.298, 298.445

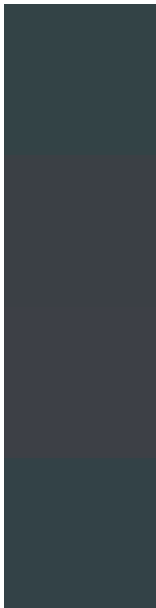
Deuteranopia

27, 6.286, 311.461



Tritanopia
27, 7.123, 232.071

Trichromacy



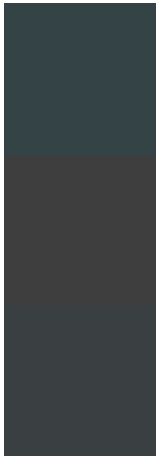
Original Color
27, 6.808, 215.183

Protanomaly
27, 3.855, 257.182

Deuteranomaly
27, 4.087, 272.666

Tritanomaly
27, 6.846, 227.138

Monochromacy



Original Color
27, 6.808, 215.183

Achromatopsia
26, 0.004, 296.813

Achromatomaly
27, 2.683, 213.182

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 6.808, 215.183 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(51, 67, 70)` looks like.

```
.text, #text, p{  
    color:rgb(51, 67, 70)  
}
```

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(51, 67, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 67, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 6.808, 215.183 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(51, 67, 70) }
```

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

```
.border{ border-color:rgb(51, 67, 70) }
```

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

Here you see how a box with a 4 pixel rgb(51, 67, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 67, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 67, 70);  
box-shadow:4px 4px 4px 4px rgb(51, 67, 70)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 6.808, 215.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 67, 70) }
```

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

```
.background{ background-color: rgb(51, 67,  
70) }
```

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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