

Converting Colors

CIELCh(27, 3.086, 226.106)

Have a look what the booklet for
CIELCh(27, 3.086, 226.106) contains.

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Color

CIELCh(27, 3.258, 222.645)

Conversions

Conversions Part 1

Format	Color
Hex	3A4143
RGB	58, 65, 67
RGB Percent	23%, 25%, 26%
CMY	0.7723, 0.7449, 0.7370
CMYK	0.13, 0.03, 0.00, 0.74
HSL	193°, 7%, 25%
HSV	193°, 13%, 26%
XYZ	4.6560, 5.0937, 6.0564
YIQ	63.1350, -4.8140, -0.8620

Conversions

Conversions Part 2

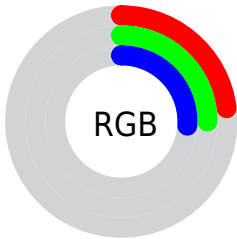
Format	Color
RYB	58, 62, 67
Decimal	3817795
CIELab	27.00, -2.40, -2.21
CIELCh	27, 3.258, 222.645
Yxy	5.0937, 0.2946, 0.3223
Android (android.graphics.Color)	4282007875 (0xFF3A4143)
YUV	63.1350, 1.9054, -4.5034
Hunter-Lab	22.5692, -2.6716, -0.1119

Details

The CIELCh color **27, 3.258, 222.645** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **26, 3.505, 41.666**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 3.363, 219.813**, and **7, 3.173, 213.132** is the 20% darker color. If you saturate the color by 10%, you get **26, 5.547, 223.114**, and if you desaturate by 10%, it is **28, 0.849, 222.463**.

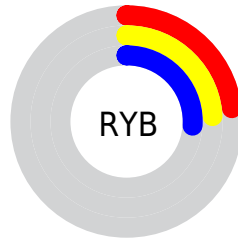
Distribution



Red (23%)

Green (25%)

Blue (26%)



Red (23%)

Yellow (24%)

Blue (26%)

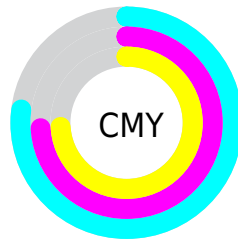


Cyan (13%)

Magenta (3%)

Yellow (0%)

Black (74%)



Cyan (77%)

Magenta (74%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 27, 3.258, 222.645 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, 3.258, 222.645 by changing the saturation by 10% instead.

■ 27, 3.258, 222.645

■ 27, 3.258, 222.645

■ 100, 3.258,
222.645

■ 17, 3.258, 222.645

■ 47, 3.258, 222.645

■ 7, 3.258, 222.645

■ 57, 3.258, 222.645

■ 0, 3.258, 222.645

■ 67, 3.258, 222.645

■ 77, 3.258, 222.645

■ 87, 3.258, 222.645

■ 97, 3.258, 222.645

■ 27, 3.258, 222.645

■ 27, 3.258, 222.645

■ 26, 5.547, 223.114

■ 28, 0.849, 222.463

■ 25, 7.689, 223.781

■ 29, 1.656, 41.748

■ 24, 9.657, 224.657

■ 30, 4.236, 41.649

■ 23, 11.422,
225.786

■ 31, 6.874, 41.549

■ 22, 12.959,
227.218

■ 33, 9.554, 41.489

■ 21, 14.250,
229.013

■ 34, 12.263, 41.468

■ 21, 15.287,
231.232

■ 35, 14.992, 41.478

■ 20, 16.186,
233.639

■ 36, 17.732, 41.512

■ 20, 16.812,
235.049

■ 37, 20.476, 41.565

Harmonies

Complementary

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



27, 3.258, 222.645



26, 3.505, 41.666

Rectangle

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



27, 3.258, 222.645



27, 3.258, 272.645



27, 3.258, 42.645



27, 3.258, 92.645

Sweetspot

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



27, 3.258, 222.630



36, 1.226, 222.436



27, 6.135, 150.348



17, 0.857, 222.429



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



27, 3.258, 222.630



35, 4.772, 222.766



26, 4.355, 276.469



12, 1.352, 222.470



29, 21.732, 237.471



66, 40.546, 240.956

Inverse Universe

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



26, 6.133, 332.042



33, 9.065, 332.234



27, 4.333, 93.466



12, 2.510, 331.748



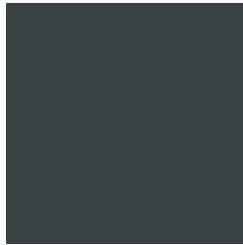
20, 48.400, 338.694



51, 88.224, 339.712

Previews

White Background



This preview shows how the CIELCh color 27, 3.258, 222.645 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, 3.258, 222.645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

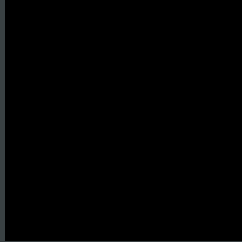
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

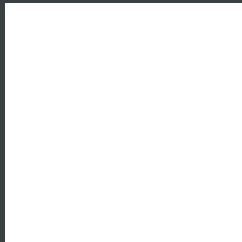
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 27, 3.258, 222.645

Background



This preview shows how black text looks on a background with the CIELCh color 27, 3.258, 222.645.

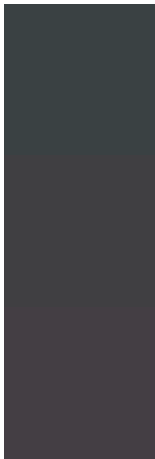


This preview shows how white text looks on a background with the CIELCh color 27, 3.258, 222.645.

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

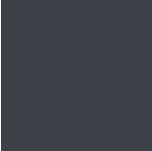
27, 3.258, 222.645

Protanopia

27, 2.014, 303.251

Deuteranopia

27, 4.748, 324.843



Tritanopia
27, 4.082, 252.184

Trichromacy



Original Color

27, 3.258, 222.645

Protanomaly

27, 1.560, 256.194

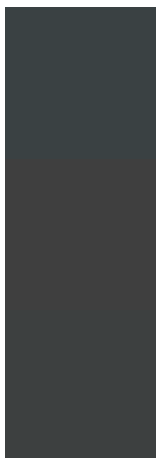
Deuteranomaly

27, 3.298, 298.445

Tritanomaly

27, 3.610, 245.429

Monochromacy



Original Color

27, 3.258, 222.645

Achromatopsia

27, 0.004, 296.813

Achromatomaly

27, 1.328, 199.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 3.258, 222.645 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(58, 65, 67)` looks like.

```
.text, #text, p{  
    color:rgb(58, 65, 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(58, 65, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 65, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 3.258, 222.645 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(58, 65, 67) }
```

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

```
.border{ border-color:rgb(58, 65, 67) }
```

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

Here you see how a box with a 4 pixel rgb(58, 65, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 65, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 65, 67);  
box-shadow:4px 4px 4px 4px rgb(58, 65, 67)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 3.258, 222.645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 65, 67) }
```

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

```
.background{ background-color: rgb(58, 65,  
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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