

Converting Colors

CIELCh(27, 21.694, 325.050)

Have a look what the booklet for
CIELCh(27, 21.694, 325.050)
contains.

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Color

CIELCh(27, 22.048, 325.168)

Conversions

Conversions Part 1

Format	Color
Hex	523653
RGB	82, 54, 83
RGB Percent	32%, 21%, 33%
CMY	0.6774, 0.7873, 0.6735
CMYK	0.01, 0.35, 0.00, 0.67
HSL	298°, 21%, 27%
HSV	298°, 35%, 33%
XYZ	6.4026, 5.0937, 8.8796
YIQ	65.6780, 7.3790, 14.9550

Conversions

Conversions Part 2

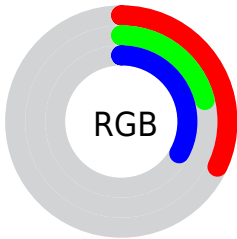
Format	Color
RYB	82, 54, 83
Decimal	5387859
CIELab	27.00, 18.10, -12.59
CIElCh	27, 22.048, 325.168
Yxy	5.0937, 0.3142, 0.2500
Android (android.graphics.Color)	4283577939 (0xFF523653)
YUV	65.6780, 8.5397, 14.3144
Hunter-Lab	22.5692, 11.1419, -7.5287

Details

The CIELCh color $[27, 22.048, 325.168]$ is a dark color, and the websafe version is hex `#663366`. A complement of this color would be $[33, 22.011, 141.382]$, and the grayscale version is $[28, 0.004, 296.813]$.

A 20% lighter version of the original color is $[47, 22.449, 324.819]$, and $[7, 22.019, 324.813]$ is the 20% darker color. If you saturate the color by 10%, you get $[25, 28.157, 325.607]$, and if you desaturate by 10%, it is $[29, 15.748, 324.702]$.

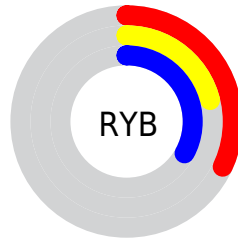
Distribution



Red (32%)

Green (21%)

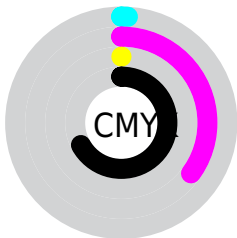
Blue (33%)



Red (32%)

Yellow (21%)

Blue (33%)

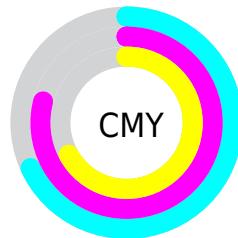


Cyan (1%)

Magenta (35%)

Yellow (0%)

Black (67%)



Cyan (68%)

Magenta (79%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 22.048, 325.168 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, 22.048, 325.168 by changing the saturation by 10% instead.

 27, 22.048,
325.168

 27, 22.048,
325.168

 100, 22.048,
325.168


 17, 22.048,
325.168


 47, 22.048,
325.168


 7, 22.048, 325.168

 57, 22.048,
325.168

 0, 22.048, 325.168

 67, 22.048,
325.168

 77, 22.048,
325.168

 87, 22.048,
325.168

 97, 22.048,

325.168

■ 27, 22.048,
325.168

■ 27, 22.048,
325.168

■ 25, 28.157,
325.607

■ 29, 15.748,
324.702

■ 23, 33.917,
326.006

■ 32, 9.385, 324.220

■ 21, 39.131,
326.347

■ 34, 3.049, 323.712

■ 37, 3.199, 143.324

■ 20, 43.589,
326.617

■ 39, 9.320, 142.836

■ 19, 47.099,
326.802

■ 42, 15.289,
142.387

■ 18, 49.838,
326.920

■ 45, 21.094,
141.960

■ 17, 51.291,
326.987

■ 47, 26.732,
141.557

■ 50, 32.203,
141.177

Harmonies

Complementary

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



27, 22.048, 325.168



33, 22.011, 141.382

Rectangle

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



27, 22.048, 325.168



27, 22.048, 15.168



27, 22.048, 145.168



27, 22.048, 195.168

Sweetspot

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



27, 22.047, 325.168



42, 7.764, 323.997



24, 18.244, 292.210



20, 5.237, 324.036



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



27, 22.047, 325.168



33, 32.517, 325.545



27, 16.424, 343.866



15, 3.463, 323.915



23, 60.099, 326.949



54, 107.791, 326.861

Inverse Universe

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



26, 13.962, 19.528



32, 21.247, 20.697



33, 15.943, 158.160



15, 2.020, 17.016



20, 50.835, 34.921



48, 95.996, 38.952

Previews

White Background



This preview shows how the CIELCh color 27, 22.048, 325.168 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, 22.048, 325.168 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, 22.048, 325.168

Background



This preview shows how black text looks on a background with the CIELCh color 27, 22.048, 325.168.



This preview shows how white text looks on a background with the CIELCh color 27, 22.048, 325.168.

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, 22.048, 325.168

Protanopia

27, 17.670, 285.202

Deuteranopia

27, 12.379, 288.923



Tritanopia
27, 10.641, 3.853

Trichromacy



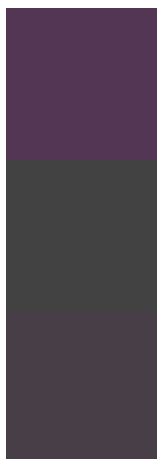
Original Color
27, 22.048, 325.168

Protanomaly
27, 18.470, 300.891

Deuteranomaly
27, 14.876, 307.153

Tritanomaly
27, 13.566, 343.812

Monochromacy



Original Color
27, 22.048, 325.168

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 7.858, 325.104

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 22.048, 325.168 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, 54, 83)` looks like.

```
.text, #text, p{  
    color:rgb(82, 54, 83)  
}
```

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, 54, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 54, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 22.048, 325.168 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, 54, 83) }
```

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

```
.border{ border-color:rgb(82, 54, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 54, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 54, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 54, 83);  
box-shadow:4px 4px 4px 4px rgb(82, 54, 83)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 22.048, 325.168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 54, 83) }
```

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

```
.background{ background-color: rgb(82, 54,  
83) }
```

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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