

Converting Colors

CIELCh(28, 21.015, 336.594)

Have a look what the booklet for
CIELCh(28, 21.015, 336.594)
contains.

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Color

CIELCh(28, 21.052, 336.622)

Conversions

Conversions Part 1

Format	Color
Hex	59374F
RGB	89, 55, 79
RGB Percent	35%, 22%, 31%
CMY	0.6500, 0.7834, 0.6893
CMYK	0.00, 0.38, 0.11, 0.65
HSL	318°, 24%, 28%
HSV	318°, 38%, 35%
XYZ	6.9396, 5.4574, 8.1291
YIQ	67.9020, 12.5600, 14.6720

Conversions

Conversions Part 2

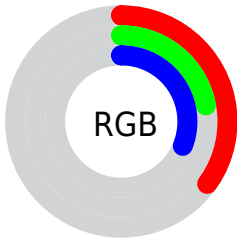
Format	Color
R_{YB}	89, 55, 79
Decimal	5846863
CIE Lab	28.00, 19.32, -8.35
CIE LCh	28, 21.052, 336.622
Yxy	5.4574, 0.3381, 0.2659
Android (android.graphics.Color)	4284036943 (0xFF59374F)
YUV	67.9020, 5.4713, 18.5029
Hunter-Lab	23.3610, 12.1434, -4.2789




Details

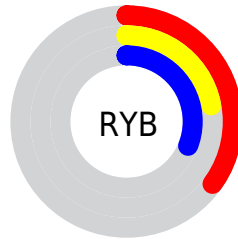
The CIELCh color $28, 21.052, 336.622$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $35, 20.826, 151.109$, and the grayscale version is $29, 0.005, 296.813$.




A 20% lighter version of the original color is $48, 20.753, 337.162$, and $8, 21.016, 335.806$ is the 20% darker color. If you saturate the color by 10%, you get $26, 26.325, 337.408$, and if you desaturate by 10%, it is $30, 15.565, 335.887$.

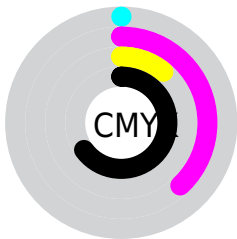
Distribution







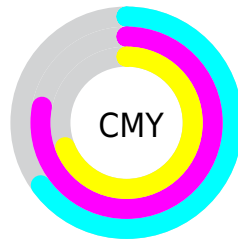
-  Red (35%)
-  Green (22%)
-  Blue (31%)






-  Red (35%)
-  Yellow (22%)
-  Blue (31%)



-  Cyan (0%)
-  Magenta (38%)
-  Yellow (11%)
-  Black (65%)





-  Cyan (65%)
-  Magenta (78%)
-  Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 21.052, 336.622 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 28, 21.052, 336.622 by changing the saturation by 10% instead.

 28, 21.052,
336.622

 28, 21.052,
336.622

 100, 21.052,
336.622


 18, 21.052,
336.622


 48, 21.052,
336.622


 8, 21.052, 336.622

 58, 21.052,
336.622

 0, 21.052, 336.622

 68, 21.052,
336.622

 78, 21.052,
336.622

 88, 21.052,
336.622

 98, 21.052,

336.622

■ 28, 21.052,
336.622

■ 28, 21.052,
336.622

■ 26, 26.325,
337.408

■ 30, 15.565,
335.887

■ 24, 31.213,
338.258

■ 33, 10.001,
335.192

■ 22, 35.499,
339.194

■ 36, 4.452, 334.518

■ 20, 38.956,
340.248

■ 38, 1.018, 154.129

■ 19, 41.384,
341.466

■ 41, 6.372, 153.390

■ 18, 43.277,
342.752

■ 44, 11.589,
152.825

■ 47, 16.659,
152.297

■ 18, 43.661,
342.982

■ 50, 21.580,
151.800

■ 53, 26.356,
151.331

Harmonies

Complementary

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



28, 21.052, 336.622



35, 20.826, 151.109

Rectangle

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



28, 21.052, 336.622



28, 21.052, 26.622



28, 21.052, 156.622



28, 21.052, 206.622

Sweetspot

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



28, 21.051, 336.623



45, 7.440, 334.736



26, 22.737, 303.723



22, 5.042, 334.789



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



28, 21.051, 336.623



34, 30.991, 337.352



27, 16.421, 6.127



16, 2.998, 334.561



22, 49.393, 343.430



52, 86.736, 344.791

Inverse Universe

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



28, 21.051, 336.623



34, 30.991, 337.352



35, 14.267, 178.610



16, 2.998, 334.561



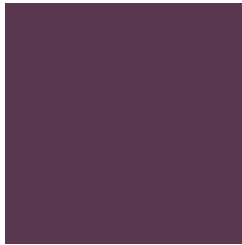
22, 49.393, 343.430



52, 86.736, 344.791

Previews

White Background



This preview shows how the CIELCh color 28, 21.052, 336.622 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 28, 21.052, 336.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

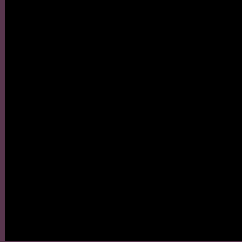
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 21.052, 336.622

Background



This preview shows how black text looks on a background with the CIELCh color 28, 21.052, 336.622.

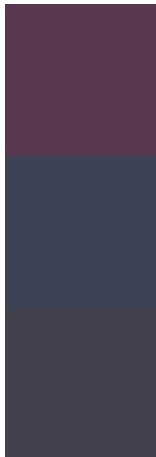


This preview shows how white text looks on a background with the CIELCh color 28, 21.052, 336.622.

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

28, 21.052, 336.622

Protanopia

28, 13.658, 284.639

Deuteranopia

28, 8.536, 300.230



Tritanopia
28, 13.828, 8.769

Trichromacy



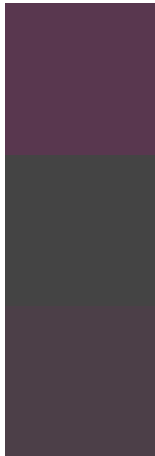
Original Color
28, 21.052, 336.622

Protanomaly
28, 14.803, 307.123

Deuteranomaly
28, 12.776, 322.145

Tritanomaly
28, 15.867, 353.666

Monochromacy



Original Color
28, 21.052, 336.622

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 8.181, 335.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 21.052, 336.622 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(89, 55, 79)` looks like.

```
.text, #text, p{  
    color:rgb(89, 55, 79)  
}
```

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(89, 55, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 55, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 21.052, 336.622 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(89, 55, 79) }
```

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

```
.border{ border-color:rgb(89, 55, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 55, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 55, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 55, 79);  
box-shadow:4px 4px 4px 4px rgb(89, 55, 79)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 21.052, 336.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 55, 79) }
```

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

```
.background{ background-color: rgb(89, 55,  
79) }
```

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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