

Converting Colors

CIELCh(41, 27.088, 350.257)

Have a look what the booklet for
CIELCh(41, 27.088, 350.257)
contains.

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Color

CIELCh(41, 27.038, 350.303)

Conversions

Conversions Part 1

Format	Color
Hex	875069
RGB	135, 80, 105
RGB Percent	53%, 31%, 41%
CMY	0.4713, 0.6869, 0.5889
CMYK	0.00, 0.41, 0.22, 0.47
HSL	333°, 26%, 42%
HSV	333°, 41%, 53%
XYZ	15.3592, 11.8645, 14.7989
YIQ	99.2950, 24.7550, 19.4350

Conversions

Conversions Part 2

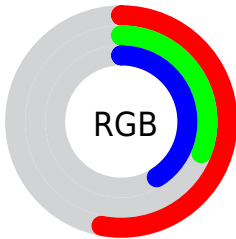
Format	Color
R_{YB}	135, 80, 105
Decimal	8867945
CIE Lab	41.00, 26.65, -4.55
CIE LCh	41, 27.038, 350.303
Yxy	11.8645, 0.3655, 0.2823
Android (android.graphics.Color)	4287058025 (0xFF875069)
YUV	99.2950, 2.8126, 31.3133
Hunter-Lab	34.4449, 19.3157, -1.3619

Details

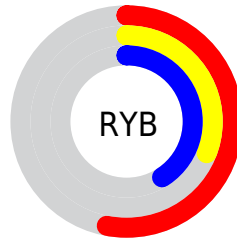
The CIELCh color $41, 27.038, 350.303$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $52, 25.476, 162.208$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 27.028, 350.077$, and $21, 27.246, 350.516$ is the 20% darker color. If you saturate the color by 10%, you get $38, 33.444, 351.741$, and if you desaturate by 10%, it is $45, 20.372, 349.077$.

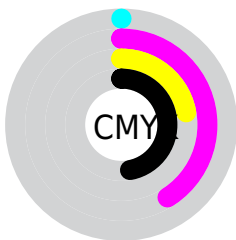
Distribution



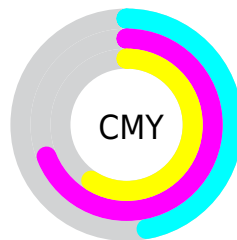
- Red (53%)
- Green (31%)
- Blue (41%)



- Red (53%)
- Yellow (31%)
- Blue (41%)



- Cyan (0%)
- Magenta (41%)
- Yellow (22%)
- Black (47%)





- Cyan (47%)
- Magenta (69%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 27.038, 350.303 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 41, 27.038, 350.303 by changing the saturation by 10% instead.


 41, 27.038,
350.303


 41, 27.038,
350.303


 100, 27.038,
350.303


 31, 27.038,
350.303

 61, 27.038,
350.303


 21, 27.038,
350.303

 71, 27.038,
350.303

 11, 27.038,
350.303


 81, 27.038,
350.303

 1, 27.038, 350.303

 91, 27.038,
350.303

 0, 27.038, 350.303

 41, 27.038,

 41, 27.038,

350.303

■ 38, 33.444,
351.741

■ 35, 39.332,
353.463

■ 32, 44.386,
355.574

■ 30, 48.302,
358.211

■ 29, 50.894, 1.532

■ 28, 52.602, 5.019

350.303

■ 45, 20.372,
349.077

■ 48, 13.650,
348.004

■ 52, 7.000, 347.038

■ 56, 0.505, 345.611

■ 60, 5.792, 165.524

■ 64, 11.870,
164.795

■ 68, 17.728,
164.141

■ 72, 23.369,
163.542

■ 76, 28.807,

Harmonies

Complementary

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



41, 27.038, 350.303



52, 25.476, 162.208

Rectangle

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



41, 27.038, 350.303



41, 27.038, 40.303



41, 27.038, 170.303



41, 27.038, 220.303

Sweetspot

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



41, 27.036, 350.304



66, 9.702, 347.177



39, 35.260, 312.109



34, 6.494, 347.280



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



41, 27.036, 350.304



50, 40.141, 351.636



41, 24.380, 25.532



26, 3.604, 346.882



27, 51.256, 4.842



0, 0.853, 346.168

Inverse Universe

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



41, 27.036, 350.304



50, 40.141, 351.636



52, 18.343, 200.961



26, 3.604, 346.882



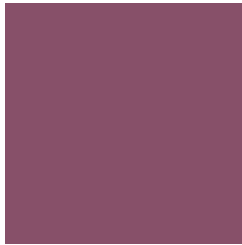
27, 51.256, 4.842



0, 0.853, 346.168

Previews

White Background



This preview shows how the CIELCh color 41, 27.038, 350.303 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 × Fail

Black Background



This preview shows how the CIE LCh color 41, 27.038, 350.303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

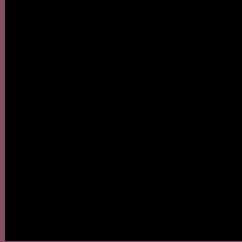
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 41, 27.038, 350.303

Background



This preview shows how black text looks on a background with the CIELCh color 41, 27.038, 350.303.



This preview shows how white text looks on a background with the CIELCh color 41, 27.038, 350.303.

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

41, 27.038, 350.303

Protanopia

41, 11.565, 286.200

Deuteranopia

41, 6.409, 331.059



Tritanopia
41, 22.326, 13.651

Trichromacy



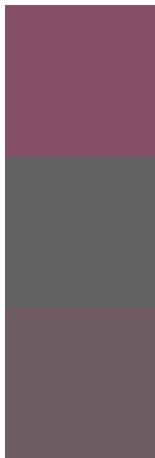
Original Color
41, 27.038, 350.303

Protanomaly
41, 14.728, 321.315

Deuteranomaly
41, 13.756, 343.449

Tritanomaly
41, 23.610, 4.031

Monochromacy



Original Color
41, 27.038, 350.303

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 10.010, 347.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 27.038, 350.303 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(135, 80, 105)` looks like.

```
.text, #text, p{  
    color:rgb(135, 80, 105)  
}
```

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(135, 80, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 80, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 27.038, 350.303 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(135, 80, 105) }
```

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

```
.border{ border-color:rgb(135, 80, 105) }
```

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

Here you see how a box with a 4 pixel rgb(135, 80, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 80, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 80, 105);  
box-shadow:4px 4px 4px 4px rgb(135, 80,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 27.038, 350.303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 80, 105) }
```

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

```
.background{ background-color: rgb(135, 80,  
105) }
```

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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