

Converting Colors

CIELCh(44, 27.143, 352.593)

Have a look what the booklet for
CIELCh(44, 27.143, 352.593)
contains.

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Color

CIELCh(44, 27.234, 352.298)

Conversions

Conversions Part 1

Format	Color
Hex	90576F
RGB	144, 87, 111
RGB Percent	56%, 34%, 44%
CMY	0.4361, 0.6596, 0.5655
CMYK	0.00, 0.40, 0.23, 0.44
HSL	335°, 25%, 45%
HSV	335°, 40%, 56%
XYZ	17.7151, 13.8382, 16.7192
YIQ	106.7790, 26.2680, 19.5480

Conversions

Conversions Part 2

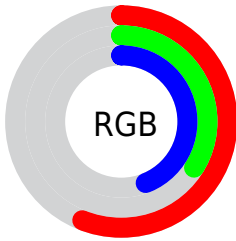
Format	Color
RYB	144, 87, 111
Decimal	9459567
CIELab	44.00, 26.99, -3.65
CIELCh	44, 27.234, 352.298
Yxy	13.8382, 0.3670, 0.2867
Android (android.graphics.Color)	4287649647 (0xFF90576F)
YUV	106.7790, 2.0810, 32.6428
Hunter-Lab	37.1997, 19.9050, -0.6078

Details

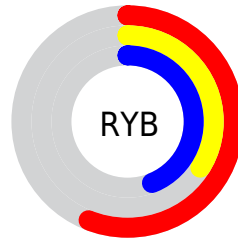
The CIELCh color $44, 27.234, 352.298$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $55, 25.426, 164.228$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 27.220, 351.953$, and $24, 26.915, 353.097$ is the 20% darker color. If you saturate the color by 10%, you get $41, 33.967, 353.804$, and if you desaturate by 10%, it is $48, 20.280, 351.023$.

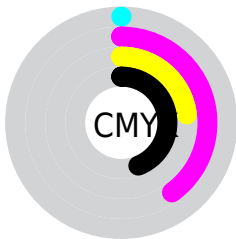
Distribution



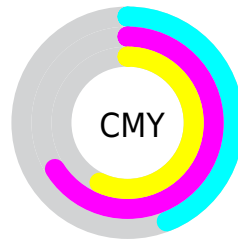
- Red (56%)
- Green (34%)
- Blue (44%)



- Red (56%)
- Yellow (34%)
- Blue (44%)



- Cyan (0%)
- Magenta (40%)
- Yellow (23%)
- Black (44%)



- Cyan (44%)
- Magenta (66%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 27.234, 352.298 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 44, 27.234, 352.298 by changing the saturation by 10% instead.

 44, 27.234,
352.298

 44, 27.234,
352.298

 100, 27.234,
352.298

 34, 27.234,
352.298

 64, 27.234,
352.298

 24, 27.234,
352.298

 74, 27.234,
352.298

 14, 27.234,
352.298

 84, 27.234,
352.298

 4, 27.234, 352.298

 94, 27.234,
352.298

 0, 27.234, 352.298

 44, 27.234,

 44, 27.234,

352.298

352.298

41, 33.967,
353.804

48, 20.280,
351.023

37, 40.216,
355.618

52, 13.307,
349.913

35, 45.657,
357.856

56, 6.441, 348.917

33, 49.973, 0.663

60, 0.241, 169.520

31, 52.966, 4.204

64, 6.699, 167.375

30, 55.049, 8.356

68, 12.918,
166.641

30, 55.133, 8.508

73, 18.899,
165.983

77, 24.651,
165.380

81, 30.187,

Harmonies

Complementary

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



44, 27.234, 352.298



55, 25.426, 164.228

Rectangle

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



44, 27.234, 352.298



44, 27.234, 42.298



44, 27.234, 172.298



44, 27.234, 222.298

Sweetspot

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



44, 27.232, 352.300



69, 9.948, 349.171



42, 36.261, 313.134



36, 6.661, 349.281



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



44, 27.232, 352.300



53, 40.579, 353.700



44, 24.198, 27.901



28, 3.754, 348.873



28, 52.696, 8.196



1, 2.502, 348.129

Inverse Universe

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



44, 27.232, 352.300



53, 40.579, 353.700



55, 18.261, 204.635



28, 3.754, 348.873



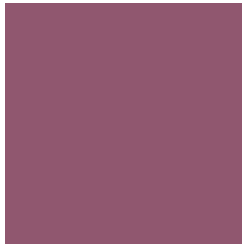
28, 52.696, 8.196



1, 2.502, 348.129

Previews

White Background



This preview shows how the CIELCh color 44, 27.234, 352.298 looks on a white background.

Color Contrast Check

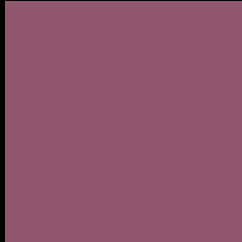
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 27.234, 352.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

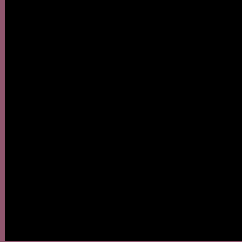
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 27.234, 352.298

Background



This preview shows how black text looks on a background with the CIELCh color 44, 27.234, 352.298.



This preview shows how white text looks on a background with the CIELCh color 44, 27.234, 352.298.

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

44, 27.234, 352.298

Protanopia

44, 10.219, 285.168

Deuteranopia

44, 6.502, 340.158



Tritanopia
44, 23.387, 12.721

Trichromacy



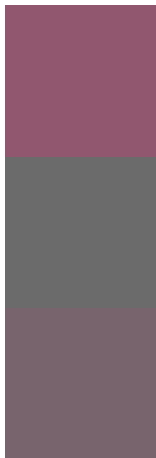
Original Color
44, 27.234, 352.298

Protanomaly
44, 13.743, 325.275

Deuteranomaly
44, 13.951, 347.598

Tritanomaly
44, 24.599, 5.023

Monochromacy



Original Color
44, 27.234, 352.298

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 9.586, 350.885

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 27.234, 352.298 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(144, 87, 111)` looks like.

```
.text, #text, p{  
    color:rgb(144, 87, 111)  
}
```

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(144, 87, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 87, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 27.234, 352.298 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(144, 87, 111) }
```

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

```
.border{ border-color:rgb(144, 87, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 87, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 87, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 87, 111); box-shadow:4px 4px 4px 4px rgb(144, 87, 111) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 27.234, 352.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 87, 111) }
```

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

```
.background{ background-color: rgb(144, 87,  
111) }
```

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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