

Converting Colors

CIELCh(44, 26.829, 354.635)

Have a look what the booklet for
CIELCh(44, 26.829, 354.635)
contains.

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Color

CIELCh(44, 26.793, 354.598)

Conversions

Conversions Part 1

Format	Color
Hex	90576D
RGB	144, 87, 109
RGB Percent	56%, 34%, 43%
CMY	0.4355, 0.6590, 0.5727
CMYK	0.00, 0.40, 0.24, 0.44
HSL	337°, 25%, 45%
HSV	337°, 40%, 56%
XYZ	17.6567, 13.8382, 16.1967
YIQ	106.5510, 26.9100, 18.9260

Conversions

Conversions Part 2

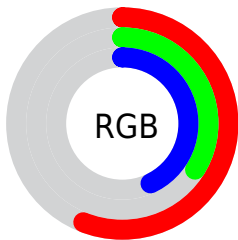
Format	Color
R_{YB}	144, 87, 109
Decimal	9459565
CIE _{Lab}	44.00, 26.67, -2.52
CIE _{LCh}	44, 26.793, 354.598
Yxy	13.8382, 0.3702, 0.2902
Android (android.graphics.Color)	4287649645 (0xFF90576D)
YUV	106.5510, 1.2074, 32.8428
Hunter-Lab	37.1997, 19.6247, 0.2250

Details

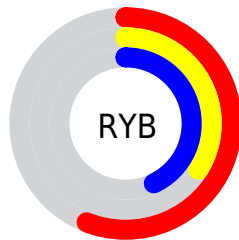
The CIELCh color $44, 26.793, 354.598$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $55, 24.716, 166.347$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 26.576, 355.169$, and $24, 26.697, 354.389$ is the 20% darker color. If you saturate the color by 10%, you get $41, 33.493, 356.185$, and if you desaturate by 10%, it is $48, 19.909, 353.264$.

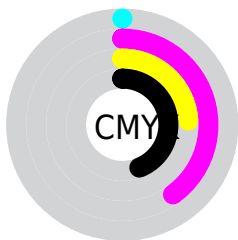
Distribution



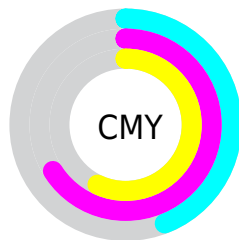
- Red (56%)
- Green (34%)
- Blue (43%)



- Red (56%)
- Yellow (34%)
- Blue (43%)



- Cyan (0%)
- Magenta (40%)
- Yellow (24%)
- Black (44%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 26.793, 354.598 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, 26.793, 354.598 by changing the saturation by 10% instead.


 44, 26.793,
354.598


 44, 26.793,
354.598


 100, 26.793,
354.598

 34, 26.793,
354.598

 64, 26.793,
354.598

 24, 26.793,
354.598

 74, 26.793,
354.598

 14, 26.793,
354.598

 84, 26.793,
354.598

 4, 26.793, 354.598

 94, 26.793,
354.598

 0, 26.793, 354.598

 44, 26.793,

 44, 26.793,

354.598

41, 33.493,
356.185

37, 39.755,
358.110

35, 45.263, 0.497

33, 49.715, 3.500

31, 52.927, 7.282

30, 55.312, 11.689

30, 55.417, 11.865

354.598

48, 19.909,
353.264

52, 13.033,
352.112

56, 6.287, 351.085

60, 0.259, 171.609

64, 6.570, 169.514

68, 12.635,
168.768

73, 18.455,
168.103

77, 24.043,
167.496

81, 29.413,

Harmonies

Complementary

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



44, 26.793, 354.598



55, 24.716, 166.347

Rectangle

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



44, 26.793, 354.598



44, 26.793, 44.598



44, 26.793, 174.598



44, 26.793, 224.598

Sweetspot

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



44, 26.791, 354.600



69, 9.742, 351.350



43, 36.440, 314.200



36, 6.524, 351.464



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, 26.791, 354.600



53, 39.998, 356.080



45, 23.551, 30.542



28, 3.675, 351.043



28, 52.900, 11.529



1, 2.446, 350.283

Inverse Universe

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



44, 26.791, 354.600



53, 39.998, 356.080



54, 17.731, 208.539



28, 3.675, 351.043



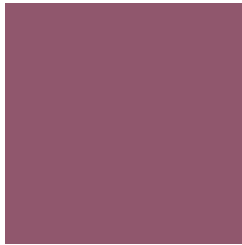
28, 52.900, 11.529



1, 2.446, 350.283

Previews

White Background



This preview shows how the CIELCh color 44, 26.793, 354.598 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, 26.793, 354.598 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, 26.793, 354.598

Background



This preview shows how black text looks on a background with the CIELCh color 44, 26.793, 354.598.



This preview shows how white text looks on a background with the CIELCh color 44, 26.793, 354.598.

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, 26.793, 354.598

Protanopia

44, 9.000, 286.522

Deuteranopia

44, 6.185, 351.324



Tritanopia
44, 23.822, 12.981

Trichromacy



Original Color
44, 26.793, 354.598

Protanomaly
44, 12.789, 328.316

Deuteranomaly
44, 13.759, 352.904

Tritanomaly
44, 24.599, 5.023

Monochromacy



Original Color
44, 26.793, 354.598

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, 26.793, 354.598 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, 109)` looks like.

```
.text, #text, p{  
    color:rgb(144, 87, 109)  
}
```

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, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 87, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 26.793, 354.598 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, 109) }
```

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

```
.border{ border-color:rgb(144, 87, 109) }
```

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, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 87, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 87, 109);  
box-shadow:4px 4px 4px 4px rgb(144, 87,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 26.793, 354.598 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, 109) }
```

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

```
.background{ background-color: rgb(144, 87,  
109) }
```

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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