

Converting Colors

CIELCh(44, 22.276, 353.867)

Have a look what the booklet for
CIELCh(44, 22.276, 353.867)
contains.

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Color

CIELCh(44, 22.799, 353.266)

Conversions

Conversions Part 1

Format	Color
Hex	8A5A6D
RGB	138, 90, 109
RGB Percent	54%, 35%, 43%
CMY	0.4585, 0.6468, 0.5723
CMYK	0.00, 0.35, 0.21, 0.46
HSL	336°, 21%, 45%
HSV	336°, 35%, 54%
XYZ	16.9186, 13.8382, 16.2661
YIQ	106.5180, 22.5090, 16.0850

Conversions

Conversions Part 2

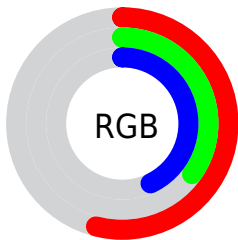
Format	Color
RYB	138, 90, 109
Decimal	9067117
CIELab	44.00, 22.64, -2.67
CIElCh	44, 22.799, 353.266
Yxy	13.8382, 0.3598, 0.2943
Android (android.graphics.Color)	4287257197 (0xFF8A5A6D)
YUV	106.5180, 1.2236, 27.6097
Hunter-Lab	37.1997, 16.0828, 0.1145

Details

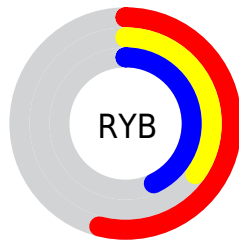
The CIELCh color $44, 22.799, 353.266$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $54, 21.304, 166.325$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 22.400, 353.845$, and $24, 23.042, 352.804$ is the 20% darker color. If you saturate the color by 10%, you get $40, 29.402, 354.695$, and if you desaturate by 10%, it is $48, 16.107, 352.049$.

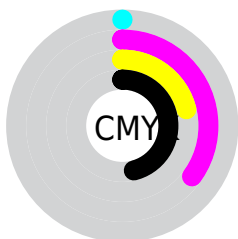
Distribution



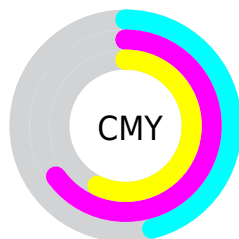
- Red (54%)
- Green (35%)
- Blue (43%)



- Red (54%)
- Yellow (35%)
- Blue (43%)



- Cyan (0%)
- Magenta (35%)
- Yellow (21%)
- Black (46%)



- Cyan (46%)
- Magenta (65%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 22.799, 353.266 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, 22.799, 353.266 by changing the saturation by 10% instead.

 44, 22.799,
353.266

 44, 22.799,
353.266

 100, 22.799,
353.266

 34, 22.799,
353.266

 64, 22.799,
353.266

 24, 22.799,
353.266

 74, 22.799,
353.266

 14, 22.799,
353.266

 84, 22.799,
353.266

 4, 22.799, 353.266

 94, 22.799,
353.266

 0, 22.799, 353.266

 44, 22.799,

 44, 22.799,

353.266

353.266

40, 29.402,
354.695

48, 16.107,
352.049

37, 35.706,
356.404

52, 9.483, 350.980

34, 41.426,
358.496

56, 3.016, 349.973

60, 3.243, 169.358

32, 46.253, 1.108

64, 9.270, 168.539

30, 49.932, 4.399

68, 15.061,
167.841

29, 52.423, 8.495

72, 20.623,
167.208

29, 53.656, 10.713

76, 25.968,
166.628

80, 31.112,
166.092

Harmonies

Complementary

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



44, 22.799, 353.266



54, 21.304, 166.325

Rectangle

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



44, 22.799, 353.266



44, 22.799, 43.266



44, 22.799, 173.266



44, 22.799, 223.266

Sweetspot

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



44, 22.797, 353.268



68, 7.866, 350.527



43, 30.837, 313.978



35, 5.356, 350.646



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



44, 22.797, 353.268



53, 34.030, 354.409



45, 19.606, 30.123



27, 3.585, 350.422



27, 52.090, 10.495



0, 1.641, 349.672

Inverse Universe

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



44, 22.797, 353.268



53, 34.030, 354.409



53, 15.373, 208.454



27, 3.585, 350.422



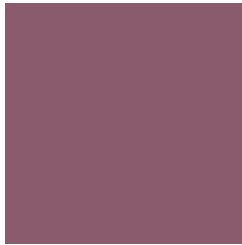
27, 52.090, 10.495



0, 1.641, 349.672

Previews

White Background



This preview shows how the CIELCh color 44, 22.799, 353.266 looks on a white background.

Color Contrast Check

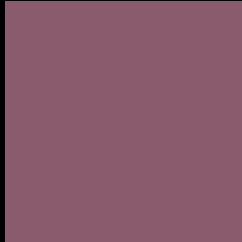
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.799, 353.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

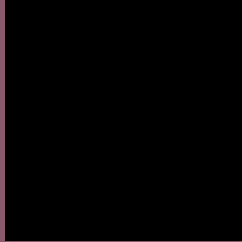
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 22.799, 353.266

Background



This preview shows how black text looks on a background with the CIELCh color 44, 22.799, 353.266.



This preview shows how white text looks on a background with the CIELCh color 44, 22.799, 353.266.

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, 22.799, 353.266

Protanopia

44, 7.810, 285.557

Deuteranopia

44, 6.142, 344.452



Tritanopia
44, 19.810, 10.227

Trichromacy



Original Color
44, 22.799, 353.266

Protanomaly
44, 11.116, 326.895

Deuteranomaly
44, 12.286, 348.823

Tritanomaly
44, 20.719, 2.447

Monochromacy



Original Color
44, 22.799, 353.266

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 8.204, 349.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 22.799, 353.266 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(138, 90, 109)` looks like.

```
.text, #text, p{  
    color:rgb(138, 90, 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(138, 90, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 90, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 22.799, 353.266 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(138, 90, 109) }
```

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

```
.border{ border-color:rgb(138, 90, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 90, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 90, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 90, 109);  
box-shadow:4px 4px 4px 4px rgb(138, 90,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 22.799, 353.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 90, 109) }
```

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

```
.background{ background-color: rgb(138, 90,  
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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