

Converting Colors

CIELCh(42, 25.209, 356.820)

Have a look what the booklet for
CIELCh(42, 25.209, 356.820)
contains.

CIELCh(42, 25.246, 356.859)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(42, 25.246, 356.859)

Conversions

Conversions Part 1

Format	Color
Hex	895366
RGB	137, 83, 102
RGB Percent	54%, 33%, 40%
CMY	0.4622, 0.6740, 0.5995
CMYK	0.00, 0.39, 0.26, 0.46
HSL	339°, 25%, 43%
HSV	339°, 39%, 54%
XYZ	15.8494, 12.5000, 14.1830
YIQ	101.3120, 26.0850, 17.3570

Conversions

Conversions Part 2

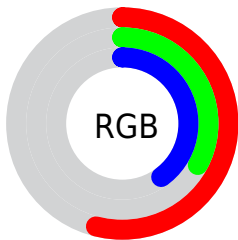
Format	Color
R_{YB}	137, 83, 102
Decimal	8999782
CIE Lab	42.00, 25.21, -1.38
CIE LCh	42, 25.246, 356.859
Yxy	12.5000, 0.3726, 0.2939
Android (android.graphics.Color)	4287189862 (0xFF895366)
YUV	101.3120, 0.3392, 31.2984
Hunter-Lab	35.3553, 18.1475, 0.9641

Details

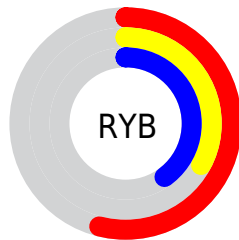
The CIELCh color $42, 25.246, 356.859$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $53, 23.011, 168.562$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 25.630, 356.637$, and $22, 25.147, 356.916$ is the 20% darker color. If you saturate the color by 10%, you get $39, 31.674, 358.500$, and if you desaturate by 10%, it is $46, 18.685, 355.487$.

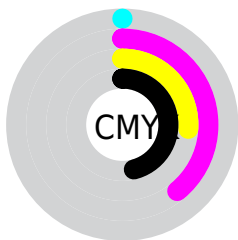
Distribution



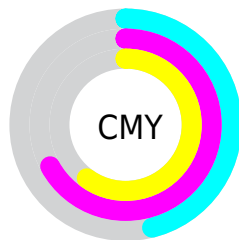
- Red (54%)
- Green (33%)
- Blue (40%)



- Red (54%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (39%)
- Yellow (26%)
- Black (46%)





- Cyan (46%)
- Magenta (67%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 25.246, 356.859 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 42, 25.246, 356.859 by changing the saturation by 10% instead.


 42, 25.246,
356.859


 42, 25.246,
356.859


 100, 25.246,
356.859


 32, 25.246,
356.859

 62, 25.246,
356.859


 22, 25.246,
356.859

 72, 25.246,
356.859

 12, 25.246,
356.859

 82, 25.246,
356.859

 2, 25.246, 356.859

 92, 25.246,
356.859

 0, 25.246, 356.859

 42, 25.246,

 42, 25.246,

356.859

356.859

39, 31.674,
358.500

46, 18.685,
355.487

36, 37.739, 0.499

49, 12.165,
354.309

33, 43.154, 2.985

53, 5.793, 353.262

31, 47.637, 6.112

57, 0.371, 173.364

29, 51.021, 10.038

61, 6.298, 171.680

28, 53.703, 14.560

66, 11.981,
170.932

28, 53.883, 14.830

70, 17.425,
170.267

74, 22.643,
169.661

78, 27.650,

Harmonies

Complementary

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



42, 25.246, 356.859



53, 23.011, 168.562

Rectangle

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



42, 25.246, 356.859



42, 25.246, 46.859



42, 25.246, 176.859



42, 25.246, 226.859

Sweetspot

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



42, 25.244, 356.861



67, 9.235, 353.555



41, 35.016, 315.248



34, 6.113, 353.665



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



42, 25.244, 356.861



51, 37.400, 358.260



43, 21.916, 33.316



27, 3.495, 353.239



27, 52.553, 14.638



0, 1.597, 352.472

Inverse Universe

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



42, 25.244, 356.861



51, 37.400, 358.260



51, 16.548, 212.665



27, 3.495, 353.239



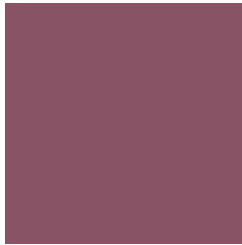
27, 52.553, 14.638



0, 1.597, 352.472

Previews

White Background



This preview shows how the CIELCh color 42, 25.246, 356.859 looks on a white background.

Color Contrast Check

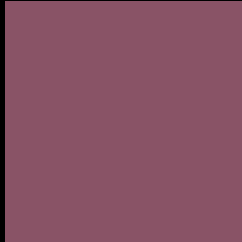
Large Text (above 18pt) WCAG AA ✓ Pass

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 42, 25.246, 356.859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

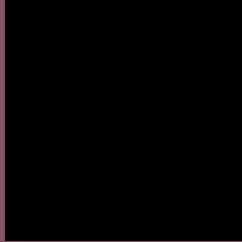
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 25.246, 356.859

Background



This preview shows how black text looks on a background with the CIELCh color 42, 25.246, 356.859.



This preview shows how white text looks on a background with the CIELCh color 42, 25.246, 356.859.

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

42, 25.246, 356.859

Protanopia

42, 7.855, 288.463

Deuteranopia

42, 5.984, 356.461



Tritanopia
42, 22.679, 13.828

Trichromacy



Original Color
42, 25.246, 356.859

Protanomaly
42, 11.977, 331.902

Deuteranomaly
42, 13.255, 354.381

Tritanomaly
42, 23.344, 6.812

Monochromacy



Original Color
42, 25.246, 356.859

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 8.787, 356.405

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 25.246, 356.859 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(137, 83, 102)` looks like.

```
.text, #text, p{  
    color:rgb(137, 83, 102)  
}
```

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(137, 83, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 83, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 25.246, 356.859 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(137, 83, 102) }
```

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

```
.border{ border-color:rgb(137, 83, 102) }
```

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

Here you see how a box with a 4 pixel rgb(137, 83, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 83, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 83, 102);  
box-shadow:4px 4px 4px 4px rgb(137, 83,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 25.246, 356.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 83, 102) }
```

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

```
.background{ background-color: rgb(137, 83,  
102) }
```

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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