

Converting Colors

CIELCh(42, 28.218, 352.909)

Have a look what the booklet for
CIELCh(42, 28.218, 352.909)
contains.

CIELCh(42, 28.366, 352.470)	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, 28.366, 352.470)

Conversions

Conversions Part 1

Format	Color
Hex	8C516A
RGB	140, 81, 106
RGB Percent	55%, 32%, 42%
CMY	0.4510, 0.6824, 0.5843
CMYK	0.00, 0.42, 0.24, 0.45
HSL	335°, 27%, 43%
HSV	335°, 42%, 55%
XYZ	16.3581, 12.5000, 15.1853
YIQ	101.4910, 27.1390, 20.2830

Conversions

Conversions Part 2

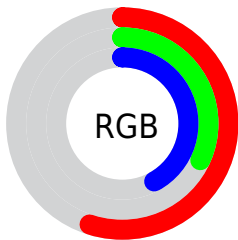
Format	Color
R_{YB}	140, 81, 106
Decimal	9195882
CIE Lab	42.00, 28.12, -3.72
CIE LCh	42, 28.366, 352.470
Yxy	12.5000, 0.3714, 0.2838
Android (android.graphics.Color)	4287385962 (0xFF8C516A)
YUV	101.4910, 2.2229, 33.7724
Hunter-Lab	35.3553, 20.7157, -0.7166

Details

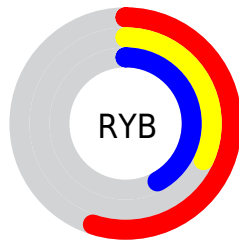
The CIELCh color $[42, 28.366, 352.470]$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $[54, 26.407, 163.783]$, and the grayscale version is $[43, 0.006, 296.813]$.

A 20% lighter version of the original color is $[62, 28.065, 352.997]$, and $[22, 28.203, 352.469]$ is the 20% darker color. If you saturate the color by 10%, you get $[39, 34.869, 354.031]$, and if you desaturate by 10%, it is $[46, 21.588, 351.154]$.

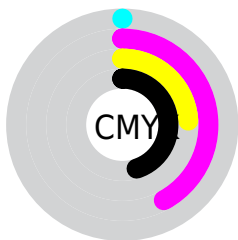
Distribution



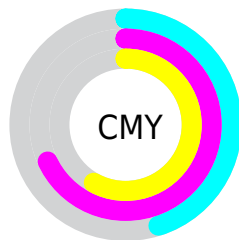
- Red (55%)
- Green (32%)
- Blue (42%)



- Red (55%)
- Yellow (32%)
- Blue (42%)



- Cyan (0%)
- Magenta (42%)
- Yellow (24%)
- Black (45%)




- Cyan (45%)
- Magenta (68%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 28.366, 352.470 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, 28.366, 352.470 by changing the saturation by 10% instead.

 42, 28.366,
352.470


 42, 28.366,
352.470


 100, 28.366,
352.470

 32, 28.366,
352.470

 62, 28.366,
352.470


 22, 28.366,
352.470

 72, 28.366,
352.470

 12, 28.366,
352.470

 82, 28.366,
352.470

 2, 28.366, 352.470

 92, 28.366,
352.470

 0, 28.366, 352.470

 42, 28.366,

 42, 28.366,

352.470

352.470

39, 34.869,
354.031

46, 21.588,
351.154

36, 40.824,
355.921

49, 14.749,
350.014

33, 45.910,
358.261

53, 7.988, 349.001

31, 49.832, 1.201

57, 1.391, 347.919

30, 52.444, 4.904

61, 4.996, 167.428

29, 54.059, 8.129

66, 11.153,
166.667

70, 17.076,
165.995

74, 22.773,
165.381

78, 28.255,

Harmonies

Complementary

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



42, 28.366, 352.470



54, 26.407, 163.783

Rectangle

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



42, 28.366, 352.470



42, 28.366, 42.470



42, 28.366, 172.470



42, 28.366, 222.470

Sweetspot

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



42, 28.364, 352.472



67, 10.567, 349.111



40, 37.777, 313.246



34, 7.473, 349.308



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



42, 28.364, 352.472



50, 42.074, 354.020



42, 25.400, 28.179



27, 3.647, 348.711



27, 51.965, 7.852



0, 1.671, 347.975

Inverse Universe

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



42, 28.364, 352.472



50, 42.074, 354.020



53, 18.789, 204.637



27, 3.647, 348.711



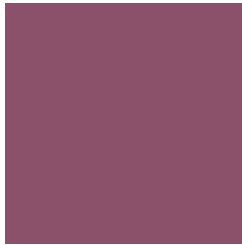
27, 51.965, 7.852



0, 1.671, 347.975

Previews

White Background



This preview shows how the CIELCh color 42, 28.366, 352.470 looks on a white background.

Color Contrast Check

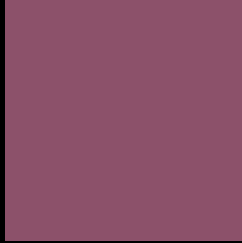
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.366, 352.470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

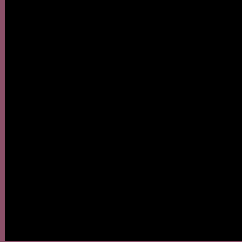
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 28.366, 352.470

Background



This preview shows how black text looks on a background with the CIELCh color 42, 28.366, 352.470.



This preview shows how white text looks on a background with the CIELCh color 42, 28.366, 352.470.

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, 28.366, 352.470

Protanopia

42, 10.905, 285.716

Deuteranopia

42, 5.529, 339.254



Tritanopia
42, 24.049, 14.598

Trichromacy



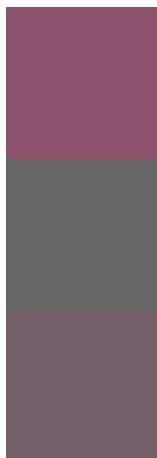
Original Color
42, 28.366, 352.470

Protanomaly
42, 15.081, 324.063

Deuteranomaly
42, 14.064, 347.684

Tritanomaly
42, 25.211, 5.621

Monochromacy



Original Color
42, 28.366, 352.470

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 10.333, 349.276

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 28.366, 352.470 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(140, 81, 106)` looks like.

```
.text, #text, p{  
    color:rgb(140, 81, 106)  
}
```

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(140, 81, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 81, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 28.366, 352.470 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(140, 81, 106) }
```

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

```
.border{ border-color:rgb(140, 81, 106) }
```

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

Here you see how a box with a 4 pixel rgb(140, 81, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 81, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 81, 106);  
box-shadow:4px 4px 4px 4px rgb(140, 81,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 28.366, 352.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 81, 106) }
```

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

```
.background{ background-color: rgb(140, 81,  
106) }
```

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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