

Converting Colors

CIELCh(42, 22.079, 348.087)

Have a look what the booklet for
CIELCh(42, 22.079, 348.087)
contains.

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Color

CIELCh(42, 22.047, 348.059)

Conversions

Conversions Part 1

Format	Color
Hex	82566B
RGB	130, 86, 107
RGB Percent	51%, 34%, 42%
CMY	0.4896, 0.6622, 0.5798
CMYK	0.00, 0.34, 0.18, 0.49
HSL	331°, 20%, 42%
HSV	331°, 34%, 51%
XYZ	15.2291, 12.5000, 15.5592
YIQ	101.5500, 19.4830, 15.8590

Conversions

Conversions Part 2

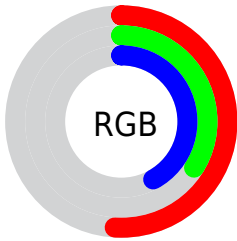
Format	Color
R_{YB}	130, 86, 107
Decimal	8541803
CIE _{Lab}	42.00, 21.57, -4.56
CIE _{LCh}	42, 22.047, 348.059
Yxy	12.5000, 0.3518, 0.2888
Android (android.graphics.Color)	4286731883 (0xFF82566B)
YUV	101.5500, 2.6868, 24.9506
Hunter-Lab	35.3553, 15.0158, -1.3436

Details

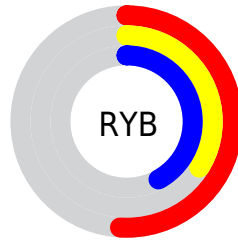
The CIELCh color $42, 22.047, 348.059$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $51, 21.081, 161.788$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 22.249, 348.407$, and $22, 22.006, 348.349$ is the 20% darker color. If you saturate the color by 10%, you get $39, 28.524, 349.293$, and if you desaturate by 10%, it is $46, 15.445, 346.984$.

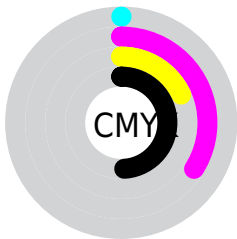
Distribution



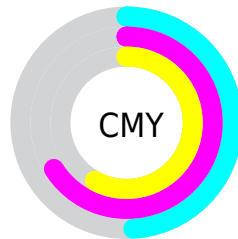
- Red (51%)
- Green (34%)
- Blue (42%)



- Red (51%)
- Yellow (34%)
- Blue (42%)



- Cyan (0%)
- Magenta (34%)
- Yellow (18%)
- Black (49%)





- Cyan (49%)
- Magenta (66%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 22.047, 348.059 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, 22.047, 348.059 by changing the saturation by 10% instead.


 42, 22.047,
348.059


 42, 22.047,
348.059


 100, 22.047,
348.059


 32, 22.047,
348.059

 62, 22.047,
348.059


 22, 22.047,
348.059

 72, 22.047,
348.059

 12, 22.047,
348.059

 82, 22.047,
348.059

 2, 22.047, 348.059

 92, 22.047,
348.059

 0, 22.047, 348.059

 42, 22.047,

 42, 22.047,

348.059

348.059

39, 28.524,
349.293

46, 15.445,
346.984

36, 34.668,
350.736

49, 8.872, 346.021

33, 40.199,
352.466

53, 2.420, 345.078

57, 3.855, 164.508

31, 44.806,
354.590

61, 9.928, 163.752

29, 48.208,
357.243

65, 15.789,
163.090

28, 50.289, 0.567

69, 21.439,
162.483

27, 51.394, 2.740

72, 26.889,
161.921

76, 32.150,
161.400

Harmonies

Complementary

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



42, 22.047, 348.059



51, 21.081, 161.788

Rectangle

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



42, 22.047, 348.059



42, 22.047, 38.059



42, 22.047, 168.059



42, 22.047, 218.059

Sweetspot

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



42, 22.045, 348.061



64, 7.891, 345.693



40, 28.166, 311.212



33, 5.366, 345.800



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



42, 22.045, 348.061



51, 32.963, 349.046



42, 19.437, 23.432



26, 3.658, 345.595



27, 51.366, 2.736



0, 0.866, 344.894

Inverse Universe

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



42, 22.045, 348.061



51, 32.963, 349.046



51, 15.492, 199.438



26, 3.658, 345.595



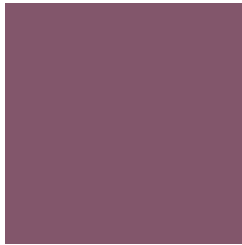
27, 51.366, 2.736



0, 0.866, 344.894

Previews

White Background



This preview shows how the CIELCh color 42, 22.047, 348.059 looks on a white background.

Color Contrast Check

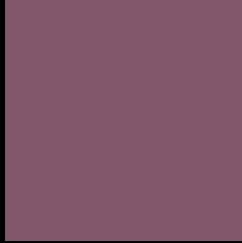
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.047, 348.059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

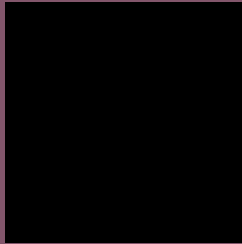
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 22.047, 348.059

Background



This preview shows how black text looks on a background with the CIELCh color 42, 22.047, 348.059.



This preview shows how white text looks on a background with the CIELCh color 42, 22.047, 348.059.

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, 22.047, 348.059

Protanopia

42, 9.678, 287.002

Deuteranopia

42, 6.116, 328.046



Tritanopia
42, 18.231, 8.891

Trichromacy



Original Color
42, 22.047, 348.059

Protanomaly
42, 12.501, 320.480

Deuteranomaly
42, 12.027, 340.476

Tritanomaly
42, 19.245, 0.479

Monochromacy



Original Color
42, 22.047, 348.059

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 8.235, 344.773

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 22.047, 348.059 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(130, 86, 107)` looks like.

```
.text, #text, p{  
    color:rgb(130, 86, 107)  
}
```

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(130, 86, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 86, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 22.047, 348.059 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(130, 86, 107) }
```

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

```
.border{ border-color:rgb(130, 86, 107) }
```

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

Here you see how a box with a 4 pixel rgb(130, 86, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 86, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 86, 107);  
box-shadow:4px 4px 4px 4px rgb(130, 86,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 22.047, 348.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 86, 107) }
```

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

```
.background{ background-color: rgb(130, 86,  
107) }
```

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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