

Converting Colors

CIELCh(42, 42.825, 328.180)

Have a look what the booklet for
CIELCh(42, 42.825, 328.180)
contains.

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Color

CIELCh(42, 42.781, 328.158)

Conversions

Conversions Part 1

Format	Color
Hex	8C4C89
RGB	140, 76, 137
RGB Percent	55%, 30%, 54%
CMY	0.4518, 0.7027, 0.4635
CMYK	0.00, 0.46, 0.02, 0.45
HSL	303°, 30%, 42%
HSV	303°, 46%, 55%
XYZ	17.8520, 12.5000, 25.0626
YIQ	102.0900, 18.5630, 32.5390

Conversions

Conversions Part 2

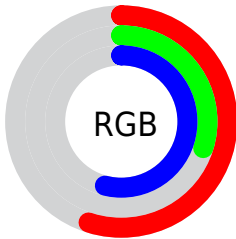
Format	Color
R_{YB}	140, 76, 137
Decimal	9194633
CIE _{Lab}	42.00, 36.34, -22.57
CIE _{LCh}	42, 42.781, 328.158
Yxy	12.5000, 0.3222, 0.2256
Android (android.graphics.Color)	4287384713 (0xFF8C4C89)
YUV	102.0900, 17.2106, 33.2471
Hunter-Lab	35.3553, 28.2583, -17.2806

Details

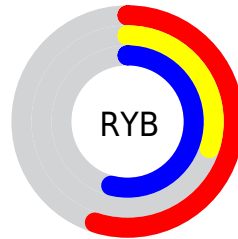
The CIELCh color $42, 42.781, 328.158$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $53, 42.932, 142.178$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 42.921, 328.007$, and $22, 42.776, 328.086$ is the 20% darker color. If you saturate the color by 10%, you get $39, 51.019, 328.637$, and if you desaturate by 10%, it is $45, 33.831, 327.645$.

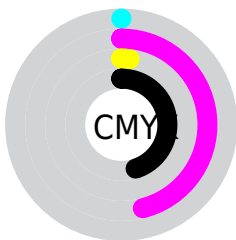
Distribution



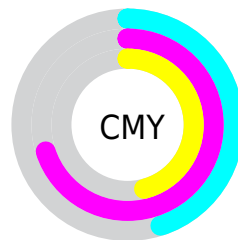
- Red (55%)
- Green (30%)
- Blue (54%)



- Red (55%)
- Yellow (30%)
- Blue (54%)



- Cyan (0%)
- Magenta (46%)
- Yellow (2%)
- Black (45%)




- Cyan (45%)
- Magenta (70%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 42.781, 328.158 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, 42.781, 328.158 by changing the saturation by 10% instead.


 42, 42.781,
328.158


 42, 42.781,
328.158


 100, 42.781,
328.158


 32, 42.781,
328.158

 62, 42.781,
328.158


 22, 42.781,
328.158

 72, 42.781,
328.158

 12, 42.781,
328.158

 82, 42.781,
328.158

 2, 42.781, 328.158

 92, 42.781,
328.158

 0, 42.781, 328.158

 42, 42.781,

 42, 42.781,

328.158

■ 39, 51.019,
328.637

■ 37, 58.199,
329.069

■ 35, 63.969,
329.447

■ 34, 68.057,
329.766

■ 33, 70.447,
330.032

■ 32, 71.290,
330.139

328.158

■ 45, 33.831,
327.645

■ 49, 24.478,
327.109

■ 52, 14.958,
326.560


■ 56, 5.444, 325.992

■ 60, 3.946, 145.546

■ 64, 13.139,
144.988

■ 68, 22.091,
144.480

■ 72, 30.781,
143.998

 76, 39.203,
143.542

Harmonies

Complementary

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



42, 42.781, 328.158



53, 42.932, 142.178

Rectangle

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



42, 42.781, 328.158



42, 42.781, 18.158



42, 42.781, 148.158



42, 42.781, 198.158

Sweetspot

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



42, 42.779, 328.158



67, 16.392, 326.478



35, 39.826, 297.273



34, 11.414, 326.585



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, 42.779, 328.158



51, 62.074, 328.655



41, 31.376, 350.253



27, 5.270, 326.189



31, 68.623, 330.129



0, 2.433, 325.715

Inverse Universe

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



42, 42.779, 328.158



51, 62.074, 328.655



53, 29.510, 160.909



27, 5.270, 326.189



31, 68.623, 330.129



0, 2.433, 325.715

Previews

White Background



This preview shows how the CIELCh color 42, 42.781, 328.158 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, 42.781, 328.158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

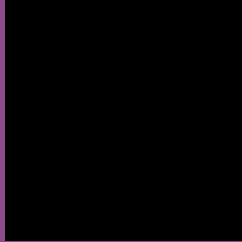
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 42.781, 328.158

Background



This preview shows how black text looks on a background with the CIELCh color 42, 42.781, 328.158.



This preview shows how white text looks on a background with the CIELCh color 42, 42.781, 328.158.

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, 42.781, 328.158

Protanopia

42, 34.562, 285.408

Deuteranopia

42, 21.205, 286.554



Tritanopia
42, 21.316, 12.997

Trichromacy



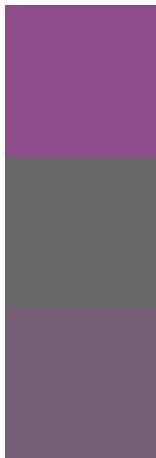
Original Color
42, 42.781, 328.158

Protanomaly
42, 35.414, 301.027

Deuteranomaly
42, 27.652, 308.366

Tritanomaly
42, 26.901, 348.528

Monochromacy



Original Color
42, 42.781, 328.158

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 16.922, 326.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 42.781, 328.158 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, 76, 137)` looks like.

```
.text, #text, p{  
    color:rgb(140, 76, 137)  
}
```

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, 76, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 76, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 42.781, 328.158 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, 76, 137) }
```

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

```
.border{ border-color:rgb(140, 76, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 76, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 76, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 76, 137);  
box-shadow:4px 4px 4px 4px rgb(140, 76,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 42.781, 328.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 76, 137) }
```

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

```
.background{ background-color: rgb(140, 76,  
137) }
```

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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