

Converting Colors

CIELCh(41, 26.351, 351.065)

Have a look what the booklet for
CIELCh(41, 26.351, 351.065)
contains.

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Color

CIELCh(41, 26.446, 350.872)

Conversions

Conversions Part 1

Format	Color
Hex	865068
RGB	134, 80, 104
RGB Percent	53%, 31%, 41%
CMY	0.4735, 0.6854, 0.5912
CMYK	0.00, 0.40, 0.22, 0.47
HSL	333°, 25%, 42%
HSV	333°, 40%, 53%
XYZ	15.2679, 11.8645, 14.6446
YIQ	98.8820, 24.4800, 18.9120

Conversions

Conversions Part 2

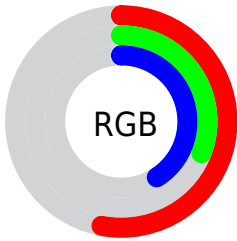
Format	Color
R_{YB}	134, 80, 104
Decimal	8802408
CIE _{Lab}	41.00, 26.11, -4.20
CIE _{LCh}	41, 26.446, 350.872
Yxy	11.8645, 0.3655, 0.2840
Android (android.graphics.Color)	4286992488 (0xFF865068)
YUV	98.8820, 2.5232, 30.7985
Hunter-Lab	34.4449, 18.8427, -1.0962

Details

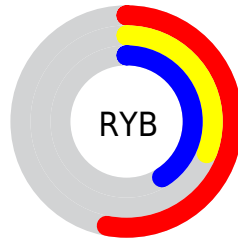
The CIELCh color $41, 26.446, 350.872$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $52, 24.859, 162.852$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 26.452, 350.628$, and $21, 26.667, 351.084$ is the 20% darker color. If you saturate the color by 10%, you get $38, 32.834, 352.321$, and if you desaturate by 10%, it is $45, 19.821, 349.638$.

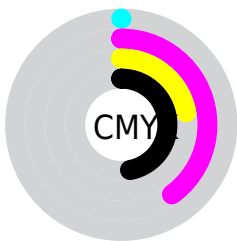
Distribution



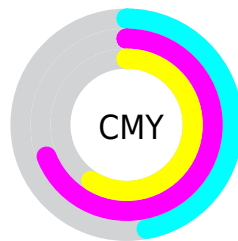
- Red (53%)
- Green (31%)
- Blue (41%)



- Red (53%)
- Yellow (31%)
- Blue (41%)



- Cyan (0%)
- Magenta (40%)
- Yellow (22%)
- Black (47%)





- Cyan (47%)
- Magenta (69%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 26.446, 350.872 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 41, 26.446, 350.872 by changing the saturation by 10% instead.


 41, 26.446,
350.872


 41, 26.446,
350.872


 100, 26.446,
350.872


 31, 26.446,
350.872

 61, 26.446,
350.872


 21, 26.446,
350.872

 71, 26.446,
350.872

 11, 26.446,
350.872

 81, 26.446,
350.872

 1, 26.446, 350.872

 91, 26.446,
350.872

 0, 26.446, 350.872

 41, 26.446,

 41, 26.446,

350.872

350.872

38, 32.834,
352.321

45, 19.821,
349.638

35, 38.734,
354.057

48, 13.156,
348.559

32, 43.834,
356.188

52, 6.574, 347.587

30, 47.833,
358.851

56, 0.154, 344.722

60, 6.065, 166.071

29, 50.540, 2.205

64, 12.064,
165.343

28, 52.422, 5.969

68, 17.842,
164.690

72, 23.404,
164.091

76, 28.764,

Harmonies

Complementary

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



41, 26.446, 350.872



52, 24.859, 162.852

Rectangle

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



41, 26.446, 350.872



41, 26.446, 40.872



41, 26.446, 170.872



41, 26.446, 220.872

Sweetspot

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



41, 26.444, 350.874



65, 9.525, 347.779



39, 34.733, 312.616



33, 6.299, 347.878



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



41, 26.444, 350.874



49, 38.711, 352.136



41, 23.586, 26.680



26, 3.580, 347.482



27, 51.233, 5.809



0, 0.847, 346.762

Inverse Universe

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



41, 26.444, 350.874



49, 38.711, 352.136



52, 17.783, 202.772



26, 3.580, 347.482



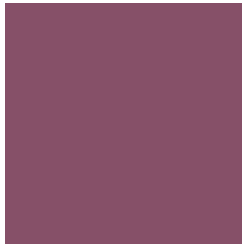
27, 51.233, 5.809



0, 0.847, 346.762

Previews

White Background



This preview shows how the CIELCh color 41, 26.446, 350.872 looks on a white background.

Color Contrast Check

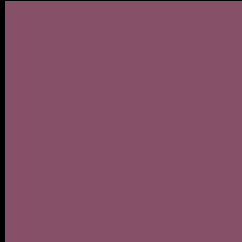
Large Text (above 18pt) WCAG AA ✓ Pass

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 41, 26.446, 350.872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

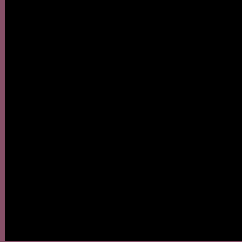
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 26.446, 350.872

Background



This preview shows how black text looks on a background with the CIELCh color 41, 26.446, 350.872.



This preview shows how white text looks on a background with the CIELCh color 41, 26.446, 350.872.

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

41, 26.446, 350.872

Protanopia

41, 10.938, 287.766

Deuteranopia

41, 6.409, 331.059



Tritanopia
41, 22.326, 13.651

Trichromacy



Original Color
41, 26.446, 350.872

Protanomaly
41, 14.419, 323.973

Deuteranomaly
41, 13.756, 343.449

Tritanomaly
41, 23.201, 3.592

Monochromacy



Original Color
41, 26.446, 350.872

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 10.010, 347.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 26.446, 350.872 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(134, 80, 104)` looks like.

```
.text, #text, p{  
    color:rgb(134, 80, 104)  
}
```

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(134, 80, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 80, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 26.446, 350.872 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(134, 80, 104) }
```

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

```
.border{ border-color:rgb(134, 80, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 80, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 80, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 80, 104);  
box-shadow:4px 4px 4px 4px rgb(134, 80,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 26.446, 350.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 80, 104) }
```

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

```
.background{ background-color: rgb(134, 80,  
104) }
```

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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