

Converting Colors

CIELCh(46, 13.265, 15.234)

Have a look what the booklet for
CIELCh(46, 13.265, 15.234) contains.

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Color

CIELCh(46, 13.325, 13.532)

Conversions

Conversions Part 1

Format	Color
Hex	846568
RGB	132, 101, 104
RGB Percent	52%, 40%, 41%
CMY	0.4816, 0.6032, 0.5914
CMYK	0.00, 0.23, 0.21, 0.48
HSL	354°, 13%, 46%
HSV	354°, 23%, 52%
XYZ	16.7269, 15.2687, 15.2123
YIQ	110.6110, 17.5130, 7.5050

Conversions

Conversions Part 2

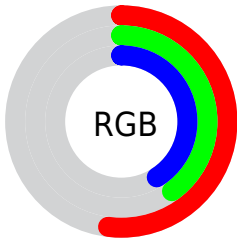
Format	Color
R_{YB}	132, 101, 104
Decimal	8676712
CIE _{Lab}	46.00, 12.96, 3.12
CIE _{LCh}	46, 13.325, 13.532
Yxy	15.2687, 0.3543, 0.3234
Android (android.graphics.Color)	4286866792 (0xFF846568)
YUV	110.6110, -3.2592, 18.7582
Hunter-Lab	39.0751, 8.0292, 4.2705

Details

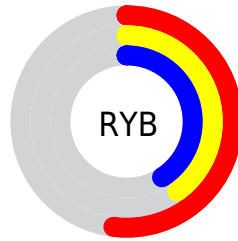
The CIELCh color $46, 13.325, 13.532$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $53, 11.792, 189.715$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 13.516, 13.688$, and $26, 13.428, 13.842$ is the 20% darker color. If you saturate the color by 10%, you get $42, 19.562, 14.816$, and if you desaturate by 10%, it is $50, 7.409, 12.482$.

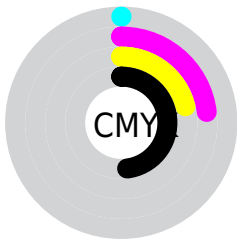
Distribution



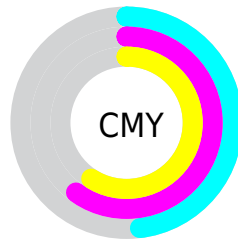
- Red (52%)
- Green (40%)
- Blue (41%)



- Red (52%)
- Yellow (40%)
- Blue (41%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (48%)



- Cyan (48%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 13.325, 13.532 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 46, 13.325, 13.532 by changing the saturation by 10% instead.

■ 46, 13.325, 13.532

■ 46, 13.325, 13.532

■ 100, 13.325,
13.532

■ 36, 13.325, 13.532

■ 66, 13.325, 13.532

■ 26, 13.325, 13.532

■ 76, 13.325, 13.532

■ 16, 13.325, 13.532

■ 86, 13.325, 13.532

■ 6, 13.325, 13.532

■ 96, 13.325, 13.532

■ 0, 13.325, 13.532

■ 46, 13.325, 13.532

■ 46, 13.325, 13.532

■ 42, 19.562, 14.816

■ 50, 7.409, 12.482

■ 39, 26.059, 16.405

■ 54, 1.844, 11.470

35, 32.695, 18.404

58, 3.375, 191.088

33, 39.296, 20.932

62, 8.264, 190.412

30, 45.653, 24.097

66, 12.850,
189.872

28, 51.561, 27.931

70, 17.162,
189.409

27, 56.831, 32.242

74, 21.229,
189.003

27, 60.032, 34.604

78, 25.078,
188.644

82, 28.734,
188.322

Harmonies

Complementary

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



46, 13.325, 13.532



53, 11.792, 189.715

Rectangle

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



46, 13.325, 13.532



46, 13.325, 63.532



46, 13.325, 193.532



46, 13.325, 243.532

Sweetspot

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



46, 13.324, 13.538



66, 4.659, 11.879



47, 21.365, 322.804



35, 3.055, 11.923



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



46, 13.324, 13.538



56, 19.916, 14.165



49, 10.868, 61.590



26, 3.070, 12.068



26, 59.250, 34.492



0, 0.715, 11.417

Inverse Universe

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



46, 13.324, 13.538



56, 19.916, 14.165



49, 9.846, 246.804



26, 3.070, 12.068



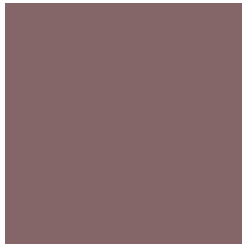
26, 59.250, 34.492



0, 0.715, 11.417

Previews

White Background



This preview shows how the CIELCh color 46, 13.325, 13.532 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 46, 13.325, 13.532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

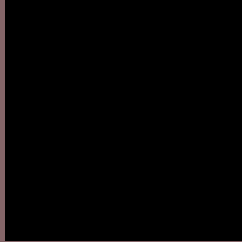
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 13.325, 13.532

Background



This preview shows how black text looks on a background with the CIELCh color 46, 13.325, 13.532.



This preview shows how white text looks on a background with the CIELCh color 46, 13.325, 13.532.

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

46, 13.325, 13.532

Protanopia

46, 1.005, 55.180

Deuteranopia

46, 7.313, 29.497



Tritanopia
46, 14.066, 4.259

Trichromacy



Original Color
46, 13.325, 13.532

Protanomaly
46, 5.457, 13.807

Deuteranomaly
46, 9.398, 24.111

Tritanomaly
46, 13.951, 6.608

Monochromacy



Original Color
46, 13.325, 13.532

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 5.119, 6.637

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 13.325, 13.532 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(132, 101, 104)` looks like.

```
.text, #text, p{  
    color:rgb(132, 101, 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(132, 101, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 101, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 13.325, 13.532 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(132, 101, 104) }
```

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

```
.border{ border-color:rgb(132, 101, 104) }
```

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

Here you see how a box with a 4 pixel rgb(132, 101, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 101, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 101, 104);  
box-shadow:4px 4px 4px 4px rgb(132, 101,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 13.325, 13.532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 101, 104) }
```

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

```
.background{ background-color: rgb(132,  
101, 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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