

Converting Colors

CIELCh(41, 17.530, 332.504)

Have a look what the booklet for
CIELCh(41, 17.530, 332.504)
contains.

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Color

CIELCh(41, 17.530, 332.504)

Conversions

Conversions Part 1

Format	Color
Hex	74586E
RGB	116, 88, 110
RGB Percent	45%, 35%, 43%
CMY	0.5444, 0.6542, 0.5679
CMYK	0.00, 0.24, 0.05, 0.54
HSL	313°, 14%, 40%
HSV	313°, 24%, 46%
XYZ	13.5564, 11.8645, 16.3802
YIQ	98.8800, 9.6260, 12.7780

Conversions

Conversions Part 2

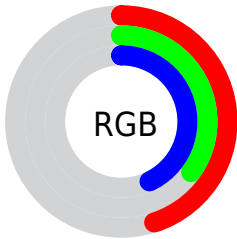
Format	Color
R_{YB}	116, 88, 110
Decimal	7624814
CIE _{Lab}	41.00, 15.55, -8.09
CIE _{LCh}	41, 17.530, 332.504
Yxy	11.8645, 0.3243, 0.2838
Android (android.graphics.Color)	4285814894 (0xFF74586E)
YUV	98.8800, 5.4822, 15.0142
Hunter-Lab	34.4449, 9.9733, -4.0837

Details

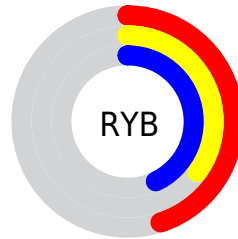
The CIELCh color $41, 17.530, 332.504$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 17.446, 149.378$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 17.712, 331.621$, and $21, 17.342, 332.652$ is the 20% darker color. If you saturate the color by 10%, you get $38, 24.760, 333.163$, and if you desaturate by 10%, it is $44, 10.222, 331.865$.

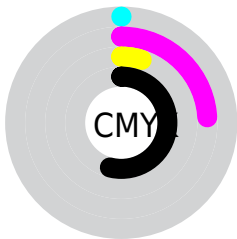
Distribution



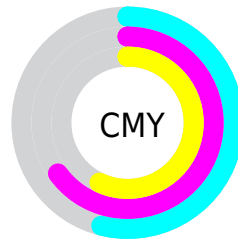
- Red (45%)
- Green (35%)
- Blue (43%)



- Red (45%)
- Yellow (35%)
- Blue (43%)



- Cyan (0%)
- Magenta (24%)
- Yellow (5%)
- Black (54%)




- Cyan (54%)
- Magenta (65%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 17.530, 332.504 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, 17.530, 332.504 by changing the saturation by 10% instead.


 41, 17.530,
332.504


 41, 17.530,
332.504


 100, 17.530,
332.504


 31, 17.530,
332.504

 61, 17.530,
332.504


 21, 17.530,
332.504

 71, 17.530,
332.504


 11, 17.530,
332.504


 81, 17.530,
332.504

 1, 17.530, 332.504

 91, 17.530,
332.504

 0, 17.530, 332.504

 41, 17.530,

 41, 17.530,

332.504

■ 38, 24.760,
333.163

■ 35, 31.748,
333.845

■ 32, 38.268,
334.554

■ 30, 44.042,
335.299

■ 28, 48.768,
336.093

■ 27, 52.174,
336.963

■ 26, 54.158,
337.933

■ 25, 55.144,
338.511

332.504

■ 44, 10.222,
331.865

■ 48, 2.957, 331.208

■ 51, 4.191, 150.748


■ 54, 11.175,
150.161

■ 58, 17.972,
149.625

■ 61, 24.572,
149.120

■ 65, 30.974,
148.642

■ 68, 37.183,
148.191

 72, 43.209,
147.765

Harmonies

Complementary

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



41, 17.530, 332.504



46, 17.446, 149.378

Rectangle

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



41, 17.530, 332.504



41, 17.530, 22.504



41, 17.530, 152.504



41, 17.530, 202.504

Sweetspot

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



41, 17.528, 332.505



59, 6.242, 331.422



39, 17.367, 299.801



31, 4.089, 331.448



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



41, 17.528, 332.505



51, 26.055, 332.872



41, 12.979, 358.341



23, 4.098, 331.543



27, 57.191, 338.581



56, 96.150, 339.296

Inverse Universe

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



41, 17.528, 332.505



51, 26.055, 332.872



47, 12.140, 173.772



23, 4.098, 331.543



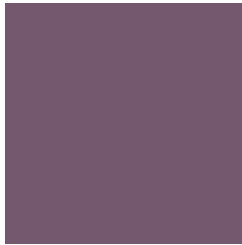
27, 57.191, 338.581



56, 96.150, 339.296

Previews

White Background



This preview shows how the CIELCh color 41, 17.530, 332.504 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, 17.530, 332.504 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, 17.530, 332.504

Background



This preview shows how black text looks on a background with the CIELCh color 41, 17.530, 332.504.



This preview shows how white text looks on a background with the CIELCh color 41, 17.530, 332.504.

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, 17.530, 332.504

Protanopia

41, 11.565, 286.200

Deuteranopia

41, 9.580, 308.502



Tritanopia
41, 11.063, 358.566

Trichromacy



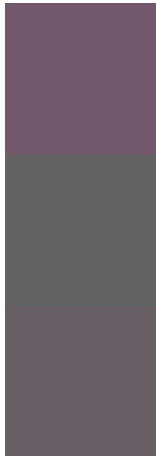
Original Color
41, 17.530, 332.504

Protanomaly
41, 12.620, 306.383

Deuteranomaly
41, 12.024, 321.905

Tritanomaly
41, 13.421, 345.542

Monochromacy



Original Color
41, 17.530, 332.504

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 6.398, 331.054

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 17.530, 332.504 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(116, 88, 110)` looks like.

```
.text, #text, p{  
    color:rgb(116, 88, 110)  
}
```

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(116, 88, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 88, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 17.530, 332.504 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(116, 88, 110) }
```

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

```
.border{ border-color:rgb(116, 88, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 88, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 88, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 88, 110);  
box-shadow:4px 4px 4px 4px rgb(116, 88,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 17.530, 332.504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 88, 110) }
```

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

```
.background{ background-color: rgb(116, 88,  
110) }
```

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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