

Converting Colors

CIELCh(41, 15.226, 315.400)

Have a look what the booklet for
CIELCh(41, 15.226, 315.400)
contains.

CIELCh(41, 15.416, 316.402)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(41, 15.416, 316.402)

Conversions

Conversions Part 1

Format	Color
Hex	6B5B72
RGB	107, 91, 114
RGB Percent	42%, 36%, 45%
CMY	0.5797, 0.6425, 0.5523
CMYK	0.06, 0.20, 0.00, 0.55
HSL	282°, 11%, 40%
HSV	282°, 20%, 45%
XYZ	12.8851, 11.8645, 17.5806
YIQ	98.4060, 2.1530, 10.5450

Conversions

Conversions Part 2

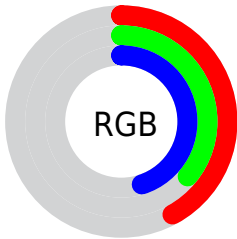
Format	Color
RYB	107, 91, 114
Decimal	7035762
CIELab	41.00, 11.16, -10.63
CIElCh	41, 15.416, 316.402
Yxy	11.8645, 0.3044, 0.2803
Android (android.graphics.Color)	4285225842 (0xFF6B5B72)
YUV	98.4060, 7.6878, 7.5369
Hunter-Lab	34.4449, 6.4942, -6.1500

Details

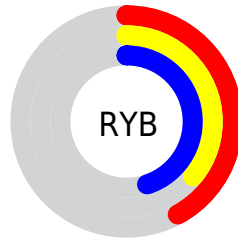
The CIELCh color **41, 15.416, 316.402** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **46, 15.190, 134.738**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 15.683, 316.981**, and **21, 15.471, 315.867** is the 20% darker color. If you saturate the color by 10%, you get **38, 23.228, 316.820**, and if you desaturate by 10%, it is **45, 7.692, 315.983**.

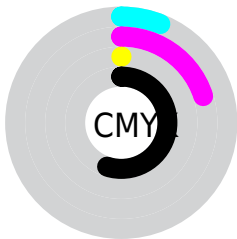
Distribution



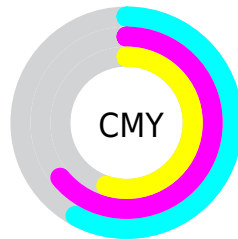
- Red (42%)
- Green (36%)
- Blue (45%)



- Red (42%)
- Yellow (36%)
- Blue (45%)



- Cyan (6%)
- Magenta (20%)
- Yellow (0%)
- Black (55%)





- Cyan (58%)
- Magenta (64%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 15.416, 316.402 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, 15.416, 316.402 by changing the saturation by 10% instead.


 41, 15.416,
316.402


 41, 15.416,
316.402


 100, 15.416,
316.402


 31, 15.416,
316.402

 61, 15.416,
316.402


 21, 15.416,
316.402

 71, 15.416,
316.402


 11, 15.416,
316.402


 81, 15.416,
316.402

 1, 15.416, 316.402

 91, 15.416,
316.402

 0, 15.416, 316.402

 41, 15.416,

 41, 15.416,

316.402

38, 23.228,
316.820

34, 31.040,
317.226

31, 38.706,
317.596

28, 46.013,
317.899

25, 52.671,
318.089

23, 58.326,
318.115

21, 62.618,
317.917

20, 66.078,
317.631

316.402

45, 7.692, 315.983

48, 0.118, 314.599

52, 7.276, 135.248

55, 14.475,
134.893

59, 21.474,
134.572

62, 28.273,
134.280

66, 34.879,
134.016

69, 41.299,
133.778

73, 47.541,

Harmonies

Complementary

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



41, 15.416, 316.402



46, 15.190, 134.738

Rectangle

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



41, 15.416, 316.402



41, 15.416, 6.402



41, 15.416, 136.402



41, 15.416, 186.402

Sweetspot

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



41, 15.415, 316.402



59, 5.600, 315.813



42, 9.842, 275.122



30, 3.692, 315.833



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



41, 15.415, 316.402



51, 22.779, 316.589



42, 14.748, 331.130



22, 4.197, 315.934



21, 68.430, 317.582



46, 117.231, 317.055

Inverse Universe

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



41, 10.643, 357.578



51, 15.788, 358.093



46, 14.697, 148.641



22, 2.869, 356.399



24, 49.517, 18.362



52, 86.036, 21.859

Previews

White Background



This preview shows how the CIELCh color 41, 15.416, 316.402 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 CIELCh color 41, 15.416, 316.402 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, 15.416, 316.402

Background



This preview shows how black text looks on a background with the CIELCh color 41, 15.416, 316.402.



This preview shows how white text looks on a background with the CIELCh color 41, 15.416, 316.402.

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, 15.416, 316.402

Protanopia

41, 12.800, 285.285

Deuteranopia

41, 12.295, 299.246



Tritanopia
41, 6.267, 337.661

Trichromacy



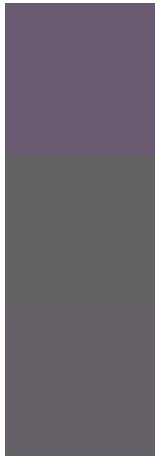
Original Color
41, 15.416, 316.402

Protanomaly
41, 13.499, 298.712

Deuteranomaly
41, 13.207, 305.757

Tritanomaly
41, 9.554, 325.057

Monochromacy



Original Color
41, 15.416, 316.402

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 6.009, 314.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 15.416, 316.402 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(107, 91, 114)` looks like.

```
.text, #text, p{  
    color:rgb(107, 91, 114)  
}
```

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(107, 91, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 91, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 15.416, 316.402 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(107, 91, 114) }
```

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

```
.border{ border-color:rgb(107, 91, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 91, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 91, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 91, 114);  
box-shadow:4px 4px 4px 4px rgb(107, 91,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 15.416, 316.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 91, 114) }
```

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

```
.background{ background-color: rgb(107, 91,  
114) }
```

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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