

Converting Colors

CIELCh(41, 18.320, 298.281)

Have a look what the booklet for
CIELCh(41, 18.320, 298.281)
contains.

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Color

CIELCh(41, 18.385, 298.676)

Conversions

Conversions Part 1

Format	Color
Hex	625D7B
RGB	98, 93, 123
RGB Percent	38%, 36%, 48%
CMY	0.6155, 0.6351, 0.5175
CMYK	0.20, 0.24, 0.00, 0.52
HSL	250°, 14%, 42%
HSV	250°, 24%, 48%
XYZ	12.5358, 11.8645, 20.3805
YIQ	97.9150, -6.6500, 10.3900

Conversions

Conversions Part 2

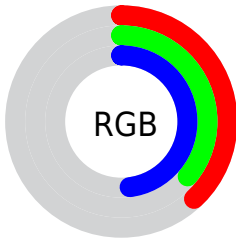
Format	Color
R_{YB}	98, 93, 123
Decimal	6446459
CIE Lab	41.00, 8.82, -16.13
CIE LCh	41, 18.385, 298.676
Yxy	11.8645, 0.2799, 0.2649
Android (android.graphics.Color)	4284636539 (0xFF625D7B)
YUV	97.9150, 12.3669, 0.0745
Hunter-Lab	34.4449, 4.6842, -10.9695

Details

The CIELCh color $41, 18.385, 298.676$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $50, 17.454, 115.013$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 18.786, 298.754$, and $21, 18.396, 299.064$ is the 20% darker color. If you saturate the color by 10%, you get $37, 26.414, 299.693$, and if you desaturate by 10%, it is $45, 10.644, 297.785$.

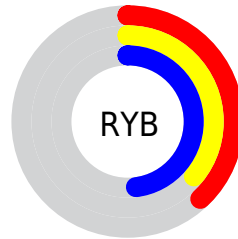
Distribution



Red (38%)

Green (36%)

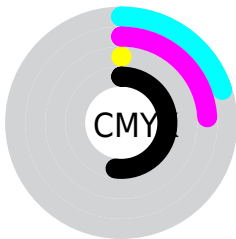
Blue (48%)



Red (38%)

Yellow (36%)

Blue (48%)

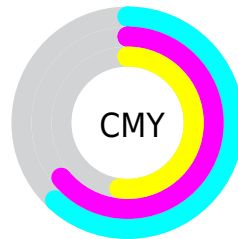


Cyan (20%)

Magenta (24%)

Yellow (0%)

Black (52%)



Cyan (62%)


Magenta (64%)

Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 18.385, 298.676 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, 18.385, 298.676 by changing the saturation by 10% instead.


 41, 18.385,
298.676


 41, 18.385,
298.676


 100, 18.385,
298.676


 31, 18.385,
298.676

 61, 18.385,
298.676


 21, 18.385,
298.676

 71, 18.385,
298.676


 11, 18.385,
298.676


 81, 18.385,
298.676

 1, 18.385, 298.676

 91, 18.385,
298.676

 0, 18.385, 298.676

 41, 18.385,

 41, 18.385,

298.676

■ 37, 26.414,
299.693

■ 32, 34.723,
300.839

■ 28, 43.254,
302.102

■ 24, 51.861,
303.438

■ 20, 60.226,
304.755

■ 17, 67.753,
305.895

■ 14, 73.669,
306.682

■ 13, 76.893,
307.218

298.676

■ 45, 10.644,
297.785

■ 50, 3.189, 297.011

■ 54, 3.997, 116.341

■ 58, 10.927,
115.762

■ 63, 17.619,
115.262

■ 67, 24.088,
114.831

■ 71, 30.348,
114.458

■ 75, 36.412,
114.135

■ 79, 42.293,
113.856

Harmonies

Complementary

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



41, 18.385, 298.676



50, 17.454, 115.013

Rectangle

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



41, 18.385, 298.676



41, 18.385, 348.676



41, 18.385, 118.676



41, 18.385, 168.676

Sweetspot

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



41, 18.384, 298.675



62, 6.361, 297.216



48, 9.825, 214.199



32, 4.169, 297.248



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



41, 18.384, 298.675



50, 27.471, 299.201



42, 19.705, 315.124



23, 4.111, 297.359



13, 77.762, 307.207



33, 131.526, 306.892

Inverse Universe

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



43, 19.213, 330.819



54, 28.409, 331.148



49, 19.295, 133.081



24, 4.393, 329.885



28, 60.074, 335.886



58, 100.460, 336.377

Previews

White Background



This preview shows how the CIELCh color 41, 18.385, 298.676 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, 18.385, 298.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

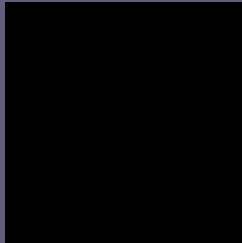
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 18.385, 298.676

Background



This preview shows how black text looks on a background with the CIELCh color 41, 18.385, 298.676.

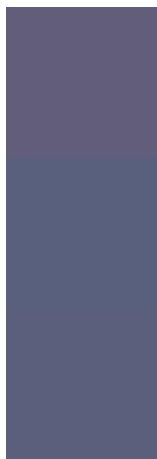


This preview shows how white text looks on a background with the CIELCh color 41, 18.385, 298.676.

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, 18.385, 298.676

Protanopia

41, 17.700, 284.547

Deuteranopia

41, 17.016, 288.972



Tritanopia
41, 4.309, 280.037

Trichromacy



Original Color
41, 18.385, 298.676

Protanomaly
41, 17.619, 289.201

Deuteranomaly
41, 17.635, 292.781

Tritanomaly
41, 9.106, 291.537

Monochromacy



Original Color
41, 18.385, 298.676

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 6.739, 298.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 18.385, 298.676 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(98, 93, 123)` looks like.

```
.text, #text, p{  
    color:rgb(98, 93, 123)  
}
```

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(98, 93, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 93, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 18.385, 298.676 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(98, 93, 123) }
```

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

```
.border{ border-color:rgb(98, 93, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 93, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 93, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 93, 123);  
box-shadow:4px 4px 4px 4px rgb(98, 93,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 18.385, 298.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 93, 123) }
```

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

```
.background{ background-color: rgb(98, 93,  
123) }
```

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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