

Converting Colors

CIELCh(41, 19.486, 197.238)

Have a look what the booklet for
CIELCh(41, 19.486, 197.238)
contains.

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Color

CIELCh(41, 19.288, 198.984)

Conversions

Conversions Part 1

Format	Color
Hex	30696A
RGB	48, 105, 106
RGB Percent	19%, 41%, 42%
CMY	0.8102, 0.5868, 0.5829
CMYK	0.55, 0.01, 0.00, 0.58
HSL	181°, 37%, 30%
HSV	181°, 55%, 42%
XYZ	8.9473, 11.8645, 15.5542
YIQ	88.0710, -34.2930, -11.7730

Conversions

Conversions Part 2

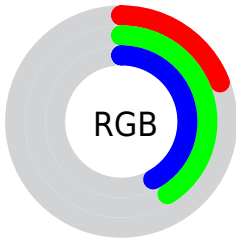
Format	Color
RYB	48, 77, 106
Decimal	3172714
CIELab	41.00, -18.24, -6.27
CIELCh	41, 19.288, 198.984
Yxy	11.8645, 0.2460, 0.3263
Android (android.graphics.Color)	4281362794 (0xFF30696A)
YUV	88.0710, 8.8390, -35.1423
Hunter-Lab	34.4449, -13.9122, -2.6619

Details

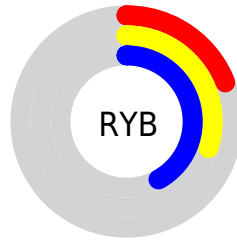
The CIELCh color **41, 19.288, 198.984** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **28, 28.258, 26.464**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 19.130, 199.426**, and **21, 16.951, 201.124** is the 20% darker color. If you saturate the color by 10%, you get **41, 21.548, 198.839**, and if you desaturate by 10%, it is **42, 16.553, 199.201**.

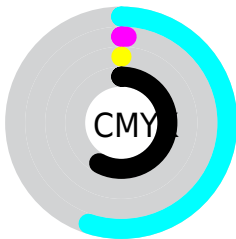
Distribution



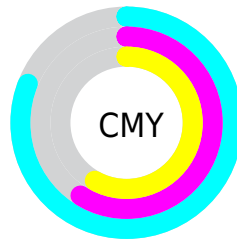
- Red (19%)
- Green (41%)
- Blue (42%)



- Red (19%)
- Yellow (30%)
- Blue (42%)



- Cyan (55%)
- Magenta (1%)
- Yellow (0%)
- Black (58%)





- Cyan (81%)
- Magenta (59%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 19.288, 198.984 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, 19.288, 198.984 by changing the saturation by 10% instead.


 41, 19.288,
198.984


 41, 19.288,
198.984


 100, 19.288,
198.984


 31, 19.288,
198.984

 61, 19.288,
198.984


 21, 19.288,
198.984

 71, 19.288,
198.984


 11, 19.288,
198.984


 81, 19.288,
198.984

 1, 19.288, 198.984

 91, 19.288,
198.984

 0, 19.288, 198.984

 41, 19.288,

 41, 19.288,

198.984

198.984

■ 41, 21.548,
198.839

■ 42, 16.553,
199.201

■ 40, 23.304,
198.778

■ 42, 13.388,
199.491

■ 40, 24.550,
198.801

■ 43, 9.852, 199.847

■ 40, 25.345,
198.900

■ 44, 6.006, 200.268

■ 45, 1.909, 200.835

■ 40, 25.738,
198.960

■ 46, 2.379, 20.983

■ 47, 6.810, 21.585

■ 48, 11.338, 22.132

■ 49, 15.928, 22.682

Harmonies

Complementary

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



41, 19.288, 198.984



28, 28.258, 26.464

Rectangle

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



41, 19.288, 198.984



41, 19.288, 248.984



41, 19.288, 18.984



41, 19.288, 68.984

Sweetspot

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



41, 19.288, 198.982



56, 8.147, 200.180



40, 41.204, 140.620



28, 5.438, 200.118



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



41, 19.288, 198.982



52, 26.462, 198.818



32, 20.613, 267.127



22, 2.373, 200.542



44, 27.585, 198.989



87, 47.404, 199.146

Inverse Universe

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



30, 40.924, 327.603



37, 58.144, 328.080



36, 23.541, 70.622



21, 4.356, 325.343



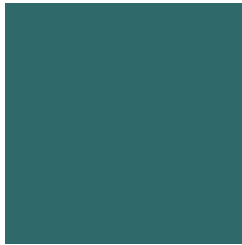
27, 64.278, 328.899



58, 110.525, 328.939

Previews

White Background



This preview shows how the CIELCh color 41, 19.288, 198.984 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, 19.288, 198.984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

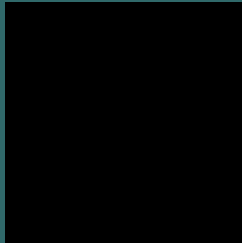
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 19.288, 198.984

Background



This preview shows how black text looks on a background with the CIELCh color 41, 19.288, 198.984.



This preview shows how white text looks on a background with the CIELCh color 41, 19.288, 198.984.

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, 19.288, 198.984

Protanopia

41, 2.473, 300.135

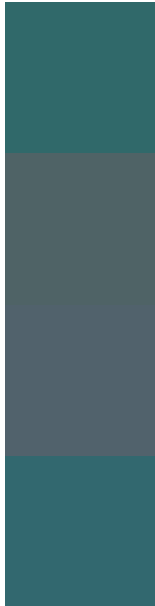
Deuteranopia

41, 9.469, 306.167



Tritanopia
41, 18.167, 215.171

Trichromacy



Original Color
41, 19.288, 198.984

Protanomaly
40, 7.957, 211.839

Deuteranomaly
41, 8.746, 243.122

Tritanomaly
41, 18.312, 210.964

Monochromacy



Original Color
41, 19.288, 198.984

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 7.923, 202.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 19.288, 198.984 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(48, 105, 106)` looks like.

```
.text, #text, p{  
    color:rgb(48, 105, 106)  
}
```

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(48, 105, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 105, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 19.288, 198.984 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(48, 105, 106) }
```

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

```
.border{ border-color:rgb(48, 105, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 105, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 105, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 105, 106);  
box-shadow:4px 4px 4px 4px rgb(48, 105,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 19.288, 198.984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 105, 106) }
```

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

```
.background{ background-color: rgb(48, 105,  
106) }
```

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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