

Converting Colors

CIELCh(41, 19.989, 148.219)

Have a look what the booklet for
CIELCh(41, 19.989, 148.219)
contains.

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Color

CIELCh(41, 19.989, 148.219)

Conversions

Conversions Part 1

Format	Color
Hex	49684F
RGB	73, 104, 79
RGB Percent	29%, 41%, 31%
CMY	0.7140, 0.5924, 0.6904
CMYK	0.30, 0.00, 0.24, 0.59
HSL	132°, 18%, 35%
HSV	132°, 30%, 41%
XYZ	9.0952, 11.8645, 9.1957
YIQ	91.8810, -10.4510, -14.3470

Conversions

Conversions Part 2

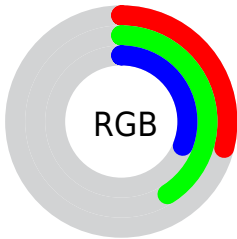
Format	Color
R_{YB}	73, 99, 104
Decimal	4810831
CIE Lab	41.00, -16.99, 10.53
CIE LCh	41, 19.989, 148.219
Yxy	11.8645, 0.3016, 0.3934
Android (android.graphics.Color)	4283000911 (0xFF49684F)
YUV	91.8810, -6.3503, -16.5586
Hunter-Lab	34.4449, -13.1455, 8.2829

Details

The CIELCh color **41, 19.989, 148.219** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **35, 20.072, 332.084**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 19.977, 148.454**, and **21, 20.555, 147.777** is the 20% darker color. If you saturate the color by 10%, you get **40, 26.582, 147.293**, and if you desaturate by 10%, it is **42, 13.284, 149.026**.

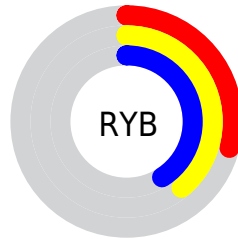
Distribution



 Red (29%)

 Green (41%)

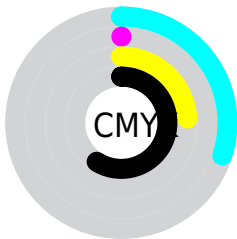
 Blue (31%)



 Red (29%)

 Yellow (39%)

 Blue (41%)

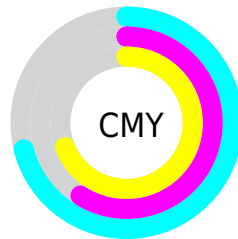


 Cyan (30%)

 Magenta (0%)

 Yellow (24%)

 Black (59%)



 Cyan (71%)


 Magenta (59%)


 Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 19.989, 148.219 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, 19.989, 148.219 by changing the saturation by 10% instead.


 41, 19.989,
148.219


 41, 19.989,
148.219


 100, 19.989,
148.219


 31, 19.989,
148.219

 61, 19.989,
148.219


 21, 19.989,
148.219

 71, 19.989,
148.219


 11, 19.989,
148.219


 81, 19.989,
148.219

 1, 19.989, 148.219

 91, 19.989,
148.219

 0, 19.989, 148.219

 41, 19.989,

 41, 19.989,

148.219

■ 40, 26.582,
147.293

■ 40, 32.950,
146.234

■ 39, 38.967,
145.033

■ 39, 44.499,
143.692

■ 38, 49.412,
142.232

■ 38, 53.581,
140.702

■ 38, 57.087,
139.393

■ 38, 57.143,
139.375

148.219

■ 42, 13.284,
149.026

■ 43, 6.556, 149.738

■ 44, 0.121, 328.742

■ 45, 6.692, 330.816

■ 46, 13.119,
331.295

■ 48, 19.375,
331.709

■ 49, 25.448,
332.074

■ 51, 31.329,
332.400

■ 52, 37.018,

Harmonies

Complementary

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



41, 19.989, 148.219



35, 20.072, 332.084

Rectangle

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



41, 19.989, 148.219



41, 19.989, 198.219



41, 19.989, 328.219



41, 19.989, 18.219

Sweetspot

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



41, 19.990, 148.219



55, 7.448, 149.777



43, 18.569, 115.375



28, 5.219, 149.701



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, 19.990, 148.219



52, 29.862, 147.566



41, 13.759, 172.074



21, 3.686, 149.801



42, 61.600, 139.166



84, 109.418, 138.156

Inverse Universe

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



35, 20.072, 332.084



43, 29.968, 332.542



35, 14.869, 357.836



20, 3.697, 330.789



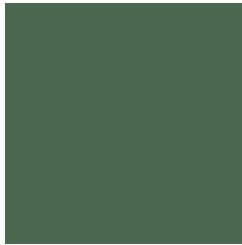
25, 55.484, 337.292



55, 95.412, 337.967

Previews

White Background



This preview shows how the CIELCh color 41, 19.989, 148.219 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, 19.989, 148.219 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, 19.989, 148.219

Background



This preview shows how black text looks on a background with the CIELCh color 41, 19.989, 148.219.



This preview shows how white text looks on a background with the CIELCh color 41, 19.989, 148.219.

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, 19.989, 148.219

Protanopia

41, 13.063, 94.140

Deuteranopia

41, 10.954, 61.301



Tritanopia
41, 9.494, 229.500

Trichromacy



Original Color
41, 19.989, 148.219

Protanomaly
41, 14.178, 120.721

Deuteranomaly
41, 10.254, 108.601

Tritanomaly
41, 10.233, 184.353

Monochromacy



Original Color
41, 19.989, 148.219

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 7.229, 149.235

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 19.989, 148.219 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(73, 104, 79)` looks like.

```
.text, #text, p{  
    color:rgb(73, 104, 79)  
}
```

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(73, 104, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 104, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 19.989, 148.219 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(73, 104, 79) }
```

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

```
.border{ border-color:rgb(73, 104, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 104, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 104, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 104, 79);  
box-shadow:4px 4px 4px 4px rgb(73, 104,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 19.989, 148.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 104, 79) }
```

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

```
.background{ background-color: rgb(73, 104,  
79) }
```

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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