

Converting Colors

CIELCh(41, 6.048, 49.571)

Have a look what the booklet for
CIELCh(41, 6.048, 49.571) contains.

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Color

CIELCh(41, 6.044, 49.858)

Conversions

Conversions Part 1

Format	Color
Hex	6A5E59
RGB	106, 94, 89
RGB Percent	42%, 37%, 35%
CMY	0.5832, 0.6302, 0.6499
CMYK	0.00, 0.11, 0.16, 0.58
HSL	18°, 9%, 38%
HSV	18°, 16%, 42%
XYZ	11.8220, 11.8645, 11.1807
YIQ	97.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

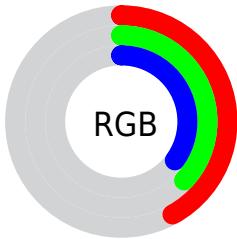
Format	Color
R_{YB}	106, 96, 89
Decimal	6970969
CIE _{Lab}	41.00, 3.90, 4.62
CIE _{LCh}	41, 6.044, 49.858
Yxy	11.8645, 0.3391, 0.3403
Android (android.graphics.Color)	4285161049 (0xFF6A5E59)
YUV	97.0180, -3.9529, 7.8772
Hunter-Lab	34.4449, 0.9850, 4.8661

Details

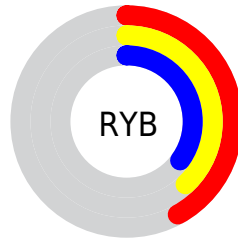
The CIELCh color $[41, 6.044, 49.858]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[42, 5.550, 232.077]$, and the grayscale version is $[41, 0.006, 296.813]$.

A 20% lighter version of the original color is $[61, 5.897, 48.127]$, and $[21, 6.097, 46.410]$ is the 20% darker color. If you saturate the color by 10%, you get $[39, 10.185, 49.393]$, and if you desaturate by 10%, it is $[43, 2.187, 50.341]$.

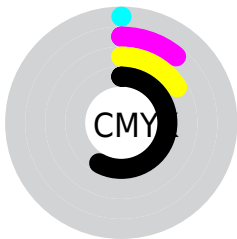
Distribution



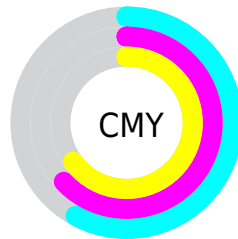
- Red (42%)
- Green (37%)
- Blue (35%)



- Red (42%)
- Yellow (38%)
- Blue (35%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (58%)



- Cyan (58%)
- Magenta (63%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 6.044, 49.858 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, 6.044, 49.858 by changing the saturation by 10% instead.

 41, 6.044, 49.858	 41, 6.044, 49.858
 100, 6.044, 49.858	 31, 6.044, 49.858
 61, 6.044, 49.858	 21, 6.044, 49.858
 71, 6.044, 49.858	 11, 6.044, 49.858
 81, 6.044, 49.858	 1, 6.044, 49.858
 91, 6.044, 49.858	 0, 6.044, 49.858

 41, 6.044, 49.858	 41, 6.044, 49.858
 39, 10.185, 49.393	 43, 2.187, 50.341
 36, 14.634, 48.981	 46, 1.412, 231.319
 34, 19.403, 48.662	 48, 4.779, 231.793

■ 32, 24.492, 48.453

■ 51, 7.941, 232.417

■ 30, 29.864, 48.354

■ 53, 10.920,
233.064

■ 28, 35.422, 48.328

■ 56, 13.739,
233.716

■ 26, 40.939, 48.250

■ 24, 45.664, 47.553

■ 59, 16.416,
234.364

■ 24, 47.422, 47.340

■ 61, 18.969,
235.003

■ 64, 21.413,
235.629

Harmonies

Complementary

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



41, 6.044, 49.858



42, 5.550, 232.077

Rectangle

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



41, 6.044, 49.858



41, 6.044, 99.858



41, 6.044, 229.858



41, 6.044, 279.858

Sweetspot

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



41, 6.044, 49.873



56, 2.246, 50.366



40, 10.274, 334.628



28, 1.524, 50.352



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, 6.044, 49.873



52, 8.989, 49.699



43, 8.116, 97.627



21, 2.082, 50.218



27, 51.758, 47.636



56, 92.553, 46.583

Inverse Universe

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



42, 5.550, 232.077



53, 8.085, 232.391



40, 8.235, 281.302



21, 1.990, 231.549



33, 26.881, 252.831



67, 47.433, 256.007

Previews

White Background



This preview shows how the CIELCh color 41, 6.044, 49.858 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, 6.044, 49.858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

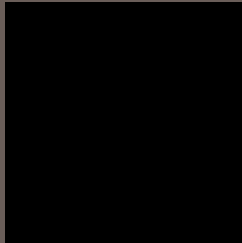
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 6.044, 49.858

Background



This preview shows how black text looks on a background with the CIELCh color 41, 6.044, 49.858.



This preview shows how white text looks on a background with the CIELCh color 41, 6.044, 49.858.

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, 6.044, 49.858

Protanopia

41, 4.006, 84.195

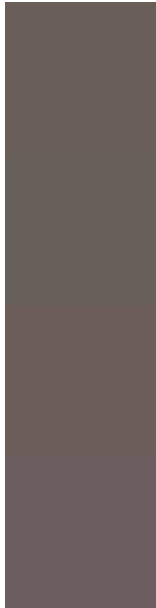
Deuteranopia

41, 7.416, 39.170



Tritanopia
41, 7.601, 346.603

Trichromacy



Original Color

41, 6.044, 49.858

Protanomaly

41, 4.267, 64.668

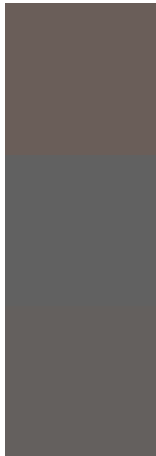
Deuteranomaly

41, 6.994, 40.315

Tritanomaly

41, 6.226, 3.306

Monochromacy



Original Color

41, 6.044, 49.858

Achromatopsia

41, 0.006, 296.813

Achromatomaly

41, 2.072, 55.112

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 6.044, 49.858 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(106, 94, 89)` looks like.

```
.text, #text, p{  
    color:rgb(106, 94, 89)  
}
```

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(106, 94, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 94, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 6.044, 49.858 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(106, 94, 89) }
```

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

```
.border{ border-color:rgb(106, 94, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 94, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 94, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 94, 89);  
box-shadow:4px 4px 4px 4px rgb(106, 94,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 6.044, 49.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 94, 89) }
```

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

```
.background{ background-color: rgb(106, 94,  
89) }
```

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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