

Converting Colors

CIELCh(41, 23.617, 145.478)

Have a look what the booklet for
CIELCh(41, 23.617, 145.478)
contains.

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Color

CIELCh(41, 23.836, 145.403)

Conversions

Conversions Part 1

Format	Color
Hex	46694A
RGB	70, 105, 74
RGB Percent	27%, 41%, 29%
CMY	0.7260, 0.5888, 0.7103
CMYK	0.33, 0.00, 0.30, 0.59
HSL	127°, 20%, 34%
HSV	127°, 33%, 41%
XYZ	8.7852, 11.8645, 8.2825
YIQ	91.0010, -10.9090, -17.0610

Conversions

Conversions Part 2

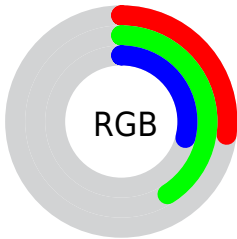
Format	Color
RYB	70, 101, 105
Decimal	4614474
CIELab	41.00, -19.62, 13.53
CIElCh	41, 23.836, 145.403
Yxy	11.8645, 0.3036, 0.4101
Android (android.graphics.Color)	4282804554 (0xFF46694A)
YUV	91.0010, -8.3815, -18.4179
Hunter-Lab	34.4449, -14.7523, 9.8548

Details

The CIELCh color $41, 23.836, 145.403$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $35, 23.863, 329.562$, and the grayscale version is $39, 0.005, 296.813$.

A 20% lighter version of the original color is $61, 23.359, 145.255$, and $21, 24.057, 145.254$ is the 20% darker color. If you saturate the color by 10%, you get $40, 30.793, 144.463$, and if you desaturate by 10%, it is $42, 16.712, 146.223$.

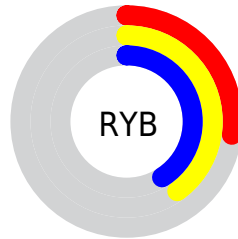
Distribution



Red (27%)

Green (41%)

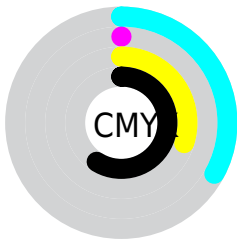
Blue (29%)



Red (27%)

Yellow (40%)

Blue (41%)

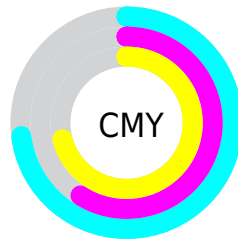


Cyan (33%)

Magenta (0%)

Yellow (30%)

Black (59%)



Cyan (73%)


Magenta (59%)


Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 23.836, 145.403 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, 23.836, 145.403 by changing the saturation by 10% instead.


 41, 23.836,
145.403


 41, 23.836,
145.403


 100, 23.836,
145.403


 31, 23.836,
145.403

 61, 23.836,
145.403


 21, 23.836,
145.403

 71, 23.836,
145.403

 11, 23.836,
145.403

 81, 23.836,
145.403

 1, 23.836, 145.403

 91, 23.836,
145.403

 0, 23.836, 145.403

 41, 23.836,

 41, 23.836,

145.403

145.403

■ 40, 30.793,
144.463

■ 42, 16.712,
146.223

■ 40, 37.445,
143.396

■ 43, 9.532, 146.937

■ 39, 43.634,
142.209

■ 44, 2.386, 147.602

■ 45, 4.661, 328.014

■ 39, 49.187,
140.926

■ 46, 11.561,
328.492

■ 38, 53.924,
139.604

■ 48, 18.282,
328.893

■ 38, 57.686,
138.352

■ 49, 24.807,
329.240

■ 38, 59.717,
137.784

■ 51, 31.125,
329.544

■ 52, 37.237,

Harmonies

Complementary

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



41, 23.836, 145.403



35, 23.863, 329.562

Rectangle

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



41, 23.836, 145.403



41, 23.836, 195.403



41, 23.836, 325.403



41, 23.836, 15.403

Sweetspot

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



41, 23.837, 145.403



55, 8.764, 147.141



43, 20.727, 111.549



28, 6.029, 147.074



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, 23.837, 145.403



52, 35.042, 144.689



41, 16.421, 166.332



22, 4.065, 147.224



42, 64.945, 137.603



85, 113.679, 136.895

Inverse Universe

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



35, 23.863, 329.562



42, 35.025, 329.997



34, 17.471, 352.693



21, 4.074, 328.176



26, 59.737, 333.156



56, 102.276, 333.484

Previews

White Background



This preview shows how the CIELCh color 41, 23.836, 145.403 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, 23.836, 145.403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

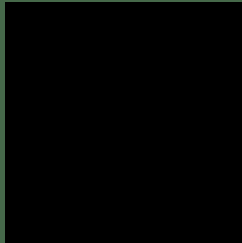
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 23.836, 145.403

Background



This preview shows how black text looks on a background with the CIELCh color 41, 23.836, 145.403.



This preview shows how white text looks on a background with the CIELCh color 41, 23.836, 145.403.

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, 23.836, 145.403

Protanopia

41, 16.089, 94.496

Deuteranopia

41, 13.099, 67.189



Tritanopia
41, 9.795, 228.423

Trichromacy



Original Color
41, 23.836, 145.403

Protanomaly
41, 17.080, 118.249

Deuteranomaly
41, 12.649, 108.229

Tritanomaly
41, 11.713, 179.781

Monochromacy



Original Color
41, 23.836, 145.403

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 8.726, 148.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 23.836, 145.403 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(70, 105, 74)` looks like.

```
.text, #text, p{  
    color:rgb(70, 105, 74)  
}
```

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(70, 105, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 105, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 23.836, 145.403 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(70, 105, 74) }
```

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

```
.border{ border-color:rgb(70, 105, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 105, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 105, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 105, 74);  
box-shadow:4px 4px 4px 4px rgb(70, 105,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 23.836, 145.403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 105, 74) }
```

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

```
.background{ background-color: rgb(70, 105,  
74) }
```

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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