

Converting Colors

CIELCh(41, 14.701, 219.343)

Have a look what the booklet for
CIELCh(41, 14.701, 219.343)
contains.

CIELCh(41, 14.761, 217.224)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(41, 14.761, 217.224)

Conversions

Conversions Part 1

Format	Color
Hex	3F676F
RGB	63, 103, 111
RGB Percent	25%, 40%, 44%
CMY	0.7536, 0.5967, 0.5653
CMYK	0.43, 0.07, 0.00, 0.57
HSL	190°, 28%, 34%
HSV	190°, 43%, 43%
XYZ	9.7346, 11.8645, 16.7694
YIQ	91.9520, -26.4080, -5.9920

Conversions

Conversions Part 2

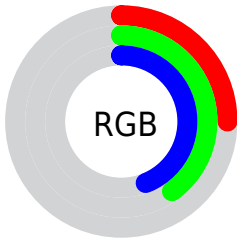
Format	Color
RYB	63, 85, 111
Decimal	4155247
CIELab	41.00, -11.75, -8.93
CIElCh	41, 14.761, 217.224
Yxy	11.8645, 0.2537, 0.3092
Android (android.graphics.Color)	4282345327 (0xFF3F676F)
YUV	91.9520, 9.3907, -25.3909
Hunter-Lab	34.4449, -9.8321, -4.7538

Details

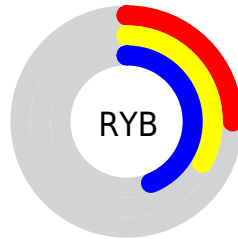
The CIELCh color $41, 14.761, 217.224$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $34, 20.001, 36.425$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 14.907, 218.252$, and $21, 14.675, 216.122$ is the 20% darker color. If you saturate the color by 10%, you get $40, 17.318, 218.080$, and if you desaturate by 10%, it is $42, 11.824, 216.603$.

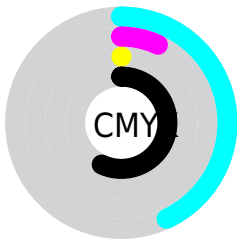
Distribution



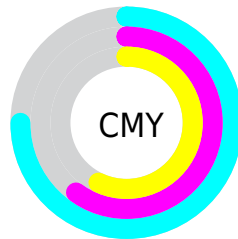
- Red (25%)
- Green (40%)
- Blue (44%)



- Red (25%)
- Yellow (33%)
- Blue (44%)



- Cyan (43%)
- Magenta (7%)
- Yellow (0%)
- Black (57%)




- Cyan (75%)
- Magenta (60%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 14.761, 217.224 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, 14.761, 217.224 by changing the saturation by 10% instead.


 41, 14.761,
217.224


 41, 14.761,
217.224


 100, 14.761,
217.224


 31, 14.761,
217.224

 61, 14.761,
217.224


 21, 14.761,
217.224

 71, 14.761,
217.224


 11, 14.761,
217.224


 81, 14.761,
217.224

 1, 14.761, 217.224

 91, 14.761,
217.224

 0, 14.761, 217.224

 41, 14.761,

 41, 14.761,

217.224

■ 40, 17.318,
218.080

■ 39, 19.449,
219.230

■ 38, 21.122,
220.731

■ 37, 22.328,
222.645

■ 36, 23.102,
225.011

■ 36, 23.563,
226.639

217.224

■ 42, 11.824,
216.603

■ 43, 8.562, 216.182

■ 45, 5.030, 215.933

■ 46, 1.279, 215.986

■ 48, 2.643, 35.511

■ 49, 6.697, 35.609

■ 51, 10.847, 35.702

■ 53, 15.066, 35.828

■ 54, 19.329, 35.983

Harmonies

Complementary

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



41, 14.761, 217.224



34, 20.001, 36.425

Rectangle

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



41, 14.761, 217.224



41, 14.761, 267.224



41, 14.761, 37.224



41, 14.761, 87.224

Sweetspot

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



41, 14.761, 217.221



58, 6.139, 215.934



43, 31.367, 145.518



30, 4.308, 215.966



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



41, 14.761, 217.221



52, 21.087, 218.092



34, 20.165, 276.780



23, 2.171, 215.886



39, 24.912, 226.933



77, 42.557, 228.930

Inverse Universe

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



34, 31.012, 331.966



41, 45.723, 332.602



41, 20.496, 84.373



22, 4.084, 329.874



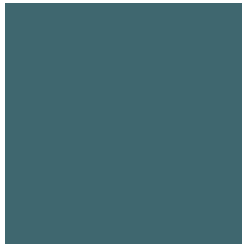
26, 58.336, 335.846



56, 98.936, 336.365

Previews

White Background



This preview shows how the CIELCh color 41, 14.761, 217.224 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, 14.761, 217.224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

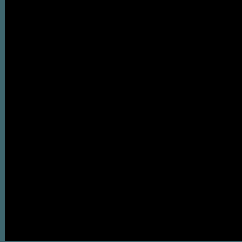
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 14.761, 217.224

Background



This preview shows how black text looks on a background with the CIELCh color 41, 14.761, 217.224.



This preview shows how white text looks on a background with the CIELCh color 41, 14.761, 217.224.

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, 14.761, 217.224

Protanopia

41, 6.081, 287.327

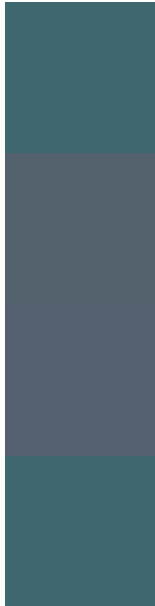
Deuteranopia

41, 11.694, 299.567



Tritanopia
41, 14.761, 217.224

Trichromacy



Original Color
41, 14.761, 217.224

Protanomaly
41, 8.241, 246.685

Deuteranomaly
41, 10.060, 264.619

Tritanomaly
41, 14.761, 217.224

Monochromacy



Original Color
41, 14.761, 217.224

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 6.186, 216.033

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 14.761, 217.224 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(63, 103, 111)` looks like.

```
.text, #text, p{  
    color:rgb(63, 103, 111)  
}
```

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(63, 103, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 103, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 14.761, 217.224 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(63, 103, 111) }
```

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

```
.border{ border-color:rgb(63, 103, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 103, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 103, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 103, 111);  
box-shadow:4px 4px 4px 4px rgb(63, 103,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 14.761, 217.224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 103, 111) }
```

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

```
.background{ background-color: rgb(63, 103,  
111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor