

Converting Colors

CIELCh(41, 13.624, 225.115)

Have a look what the booklet for
CIELCh(41, 13.624, 225.115)
contains.

CIELCh(41, 13.676, 224.649)	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, 13.676, 224.649)

Conversions

Conversions Part 1

Format	Color
Hex	436670
RGB	67, 102, 112
RGB Percent	26%, 40%, 44%
CMY	0.7373, 0.6000, 0.5608
CMYK	0.40, 0.09, 0.00, 0.56
HSL	193°, 25%, 35%
HSV	193°, 40%, 44%
XYZ	9.9895, 11.8645, 17.0913
YIQ	92.6750, -24.0700, -4.3100

Conversions

Conversions Part 2

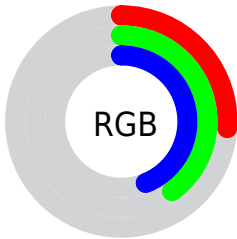
Format	Color
R_{YB}	67, 87, 112
Decimal	4417136
CIE _{Lab}	41.00, -9.73, -9.61
CIE _{LCh}	41, 13.676, 224.649
Yxy	11.8645, 0.2565, 0.3046
Android (android.graphics.Color)	4282607216 (0xFF436670)
YUV	92.6750, 9.5272, -22.5170
Hunter-Lab	34.4449, -8.5111, -5.3078

Details

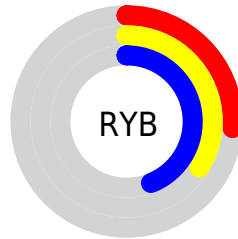
The CIELCh color $41, 13.676, 224.649$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $36, 17.881, 41.523$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 13.792, 225.272$, and $21, 13.615, 224.290$ is the 20% darker color. If you saturate the color by 10%, you get $40, 16.370, 225.864$, and if you desaturate by 10%, it is $42, 10.649, 223.718$.

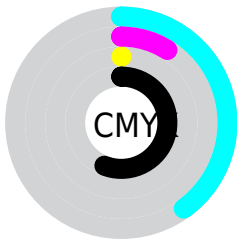
Distribution



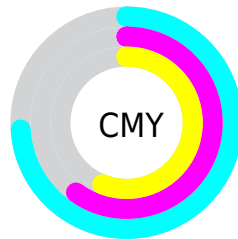
- Red (26%)
- Green (40%)
- Blue (44%)



- Red (26%)
- Yellow (34%)
- Blue (44%)



- Cyan (40%)
- Magenta (9%)
- Yellow (0%)
- Black (56%)




- Cyan (74%)
- Magenta (60%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 13.676, 224.649 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, 13.676, 224.649 by changing the saturation by 10% instead.


 41, 13.676,
224.649


 41, 13.676,
224.649


 100, 13.676,
224.649


 31, 13.676,
224.649

 61, 13.676,
224.649


 21, 13.676,
224.649

 71, 13.676,
224.649


 11, 13.676,
224.649


 81, 13.676,
224.649

 1, 13.676, 224.649

 91, 13.676,
224.649

 0, 13.676, 224.649

 41, 13.676,

 41, 13.676,

224.649

■ 40, 16.370,
225.864

■ 38, 18.689,
227.435

■ 37, 20.601,
229.435

■ 36, 22.097,
231.938

■ 35, 23.201,
235.013

■ 34, 24.124,
238.274

224.649

■ 42, 10.649,
223.718

■ 44, 7.341, 223.028

■ 46, 3.799, 222.552

■ 47, 0.070, 227.076

■ 49, 3.805, 41.731

■ 51, 7.792, 41.607

■ 52, 11.861, 41.521

■ 54, 15.987, 41.482

■ 56, 20.151, 41.481

Harmonies

Complementary

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



41, 13.676, 224.649



36, 17.881, 41.523

Rectangle

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



41, 13.676, 224.649



41, 13.676, 274.649



41, 13.676, 44.649



41, 13.676, 94.649

Sweetspot

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



41, 13.676, 224.646



58, 5.517, 222.634



43, 28.023, 147.996



30, 3.680, 222.674



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, 13.676, 224.646



51, 19.472, 225.737



34, 20.513, 281.027



23, 2.108, 222.513



36, 25.346, 238.612



73, 43.687, 241.240

Inverse Universe

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



35, 28.037, 333.870



42, 40.988, 334.510



42, 20.187, 90.104



22, 3.926, 331.823



26, 56.041, 339.022



56, 94.863, 339.797

Previews

White Background



This preview shows how the CIELCh color 41, 13.676, 224.649 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, 13.676, 224.649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

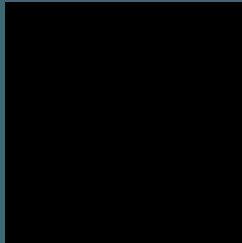
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 13.676, 224.649

Background



This preview shows how black text looks on a background with the CIELCh color 41, 13.676, 224.649.



This preview shows how white text looks on a background with the CIELCh color 41, 13.676, 224.649.

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, 13.676, 224.649

Protanopia

41, 7.292, 288.158

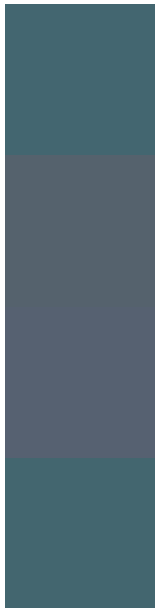
Deuteranopia

41, 12.249, 297.437



Tritanopia
41, 13.349, 219.538

Trichromacy



Original Color
41, 13.676, 224.649

Protanomaly
41, 8.220, 253.678

Deuteranomaly
41, 10.455, 268.131

Tritanomaly
41, 13.500, 222.123

Monochromacy



Original Color
41, 13.676, 224.649

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 5.315, 226.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 13.676, 224.649 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(67, 102, 112)` looks like.

```
.text, #text, p{  
    color:rgb(67, 102, 112)  
}
```

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(67, 102, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 102, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 13.676, 224.649 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(67, 102, 112) }
```

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

```
.border{ border-color:rgb(67, 102, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 102, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 102, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 102, 112);  
box-shadow:4px 4px 4px 4px rgb(67, 102,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 13.676, 224.649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 102, 112) }
```

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

```
.background{ background-color: rgb(67, 102,  
112) }
```

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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