

Converting Colors

CIELCh(41, 19.004, 223.785)

Have a look what the booklet for
CIELCh(41, 19.004, 223.785)
contains.

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Color

CIELCh(41, 18.952, 224.527)

Conversions

Conversions Part 1

Format	Color
Hex	326876
RGB	50, 104, 118
RGB Percent	20%, 41%, 46%
CMY	0.8043, 0.5925, 0.5376
CMYK	0.58, 0.12, 0.00, 0.54
HSL	192°, 41%, 33%
HSV	192°, 58%, 46%
XYZ	9.5169, 11.8645, 18.9001
YIQ	89.4500, -36.6780, -7.0940

Conversions

Conversions Part 2

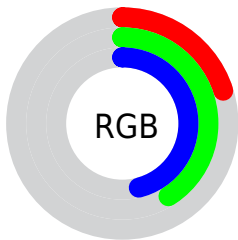
Format	Color
RYB	50, 80, 118
Decimal	3303542
CIELab	41.00, -13.51, -13.29
CIELCh	41, 18.952, 224.527
Yxy	11.8645, 0.2363, 0.2945
Android (android.graphics.Color)	4281493622 (0xFF326876)
YUV	89.4500, 14.0752, -34.5976
Hunter-Lab	34.4449, -10.9605, -8.4213




Details

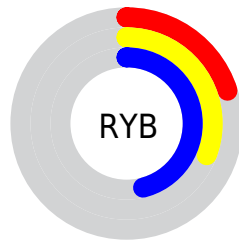
The CIELCh color **41, 18.952, 224.527** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **33, 28.913, 40.629**, and the grayscale version is **38, 0.005, 296.813**.




A 20% lighter version of the original color is **61, 18.810, 224.969**, and **21, 17.163, 228.234** is the 20% darker color. If you saturate the color by 10%, you get **40, 21.007, 226.267**, and if you desaturate by 10%, it is **42, 16.459, 223.175**.

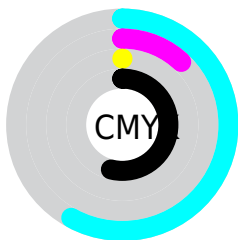
Distribution







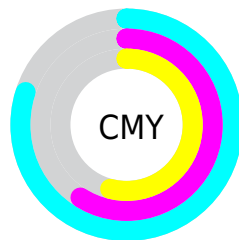
-  Red (20%)
-  Green (41%)
-  Blue (46%)






-  Red (20%)
-  Yellow (31%)
-  Blue (46%)



-  Cyan (58%)
-  Magenta (12%)
-  Yellow (0%)
-  Black (54%)





-  Cyan (80%)
-  Magenta (59%)
-  Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 18.952, 224.527 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, 18.952, 224.527 by changing the saturation by 10% instead.


 41, 18.952,
224.527


 41, 18.952,
224.527


 100, 18.952,
224.527


 31, 18.952,
224.527

 61, 18.952,
224.527


 21, 18.952,
224.527

 71, 18.952,
224.527


 11, 18.952,
224.527


 81, 18.952,
224.527

 1, 18.952, 224.527

 91, 18.952,
224.527

 0, 18.952, 224.527

 41, 18.952,

 41, 18.952,

224.527

■ 40, 21.007,
226.267

■ 39, 22.607,
228.473

■ 38, 23.765,
231.216

■ 37, 24.618,
234.390

■ 36, 24.823,
235.111

224.527

■ 42, 16.459,
223.175

■ 44, 13.568,
222.145

■ 45, 10.330,
221.379

■ 47, 6.798, 220.829

■ 48, 3.027, 220.494

■ 50, 0.935, 39.706

■ 52, 5.045, 39.855

■ 53, 9.267, 39.796

■ 55, 13.570, 39.778

Harmonies

Complementary

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



41, 18.952, 224.527



33, 28.913, 40.629

Rectangle

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



41, 18.952, 224.527



41, 18.952, 274.527



41, 18.952, 44.527



41, 18.952, 94.527

Sweetspot

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



41, 18.952, 224.526



60, 8.100, 220.818



44, 41.577, 145.406



30, 5.364, 220.887



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



41, 18.952, 224.526



51, 26.017, 226.887



30, 30.651, 283.988



24, 2.204, 220.522



38, 25.505, 235.280



75, 43.502, 237.673

Inverse Universe

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



32, 41.144, 334.467



39, 58.122, 335.442



42, 29.930, 86.492



23, 4.123, 331.237



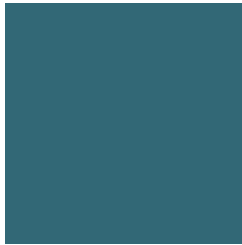
27, 57.540, 338.076



56, 96.763, 338.752

Previews

White Background



This preview shows how the CIELCh color 41, 18.952, 224.527 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, 18.952, 224.527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

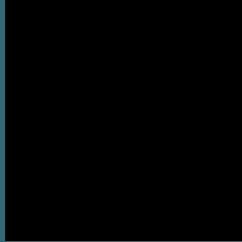
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 18.952, 224.527

Background



This preview shows how black text looks on a background with the CIELCh color 41, 18.952, 224.527.



This preview shows how white text looks on a background with the CIELCh color 41, 18.952, 224.527.

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, 18.952, 224.527

Protanopia

41, 10.352, 287.439

Deuteranopia

41, 15.817, 291.178



Tritanopia
41, 19.044, 212.277

Trichromacy



Original Color
41, 18.952, 224.527

Protanomaly
40, 12.169, 252.325

Deuteranomaly
41, 14.541, 260.887

Tritanomaly
41, 18.929, 216.323

Monochromacy



Original Color
41, 18.952, 224.527

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 8.131, 225.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 18.952, 224.527 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(50, 104, 118)` looks like.

```
.text, #text, p{  
    color:rgb(50, 104, 118)  
}
```

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(50, 104, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 104, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 18.952, 224.527 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(50, 104, 118) }
```

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

```
.border{ border-color:rgb(50, 104, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 104, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 104, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 104, 118);  
box-shadow:4px 4px 4px 4px rgb(50, 104,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 18.952, 224.527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 104, 118) }
```

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

```
.background{ background-color: rgb(50, 104,  
118) }
```

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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