

Converting Colors

CIELCh(41, 20.922, 210.708)

Have a look what the booklet for
CIELCh(41, 20.922, 210.708)
contains.

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Color

CIELCh(41, 21.108, 210.567)

Conversions

Conversions Part 1

Format	Color
Hex	276A72
RGB	39, 106, 114
RGB Percent	15%, 42%, 45%
CMY	0.8487, 0.5857, 0.5543
CMYK	0.66, 0.07, 0.00, 0.55
HSL	186°, 49%, 30%
HSV	186°, 66%, 45%
XYZ	8.9548, 11.8645, 17.6308
YIQ	86.8790, -42.5000, -11.7160

Conversions

Conversions Part 2

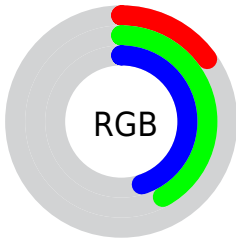
Format	Color
R_{YB}	39, 74, 114
Decimal	2583154
CIE _{Lab}	41.00, -18.17, -10.73
CIE _{LCh}	41, 21.108, 210.567
Yxy	11.8645, 0.2329, 0.3086
Android (android.graphics.Color)	4280773234 (0xFF276A72)
YUV	86.8790, 13.3707, -41.9899
Hunter-Lab	34.4449, -13.8730, -6.2364

Details

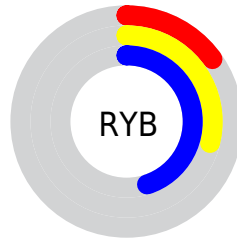
The CIELCh color **41, 21.108, 210.567** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **29, 35.099, 34.244**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 21.196, 210.033**, and **22, 16.829, 215.723** is the 20% darker color. If you saturate the color by 10%, you get **40, 22.669, 211.448**, and if you desaturate by 10%, it is **42, 19.033, 209.926**.

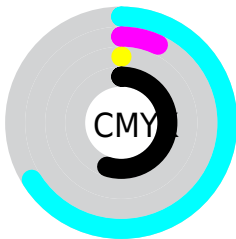
Distribution



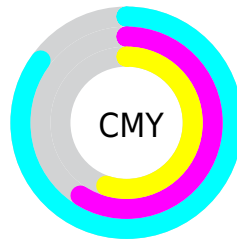
- Red (15%)
- Green (42%)
- Blue (45%)



- Red (15%)
- Yellow (29%)
- Blue (45%)



- Cyan (66%)
- Magenta (7%)
- Yellow (0%)
- Black (55%)





- Cyan (85%)
- Magenta (59%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 21.108, 210.567 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, 21.108, 210.567 by changing the saturation by 10% instead.


 41, 21.108,
210.567


 41, 21.108,
210.567


 100, 21.108,
210.567


 31, 21.108,
210.567

 61, 21.108,
210.567


 21, 21.108,
210.567

 71, 21.108,
210.567

 11, 21.108,
210.567


 81, 21.108,
210.567

 1, 21.108, 210.567

 91, 21.108,
210.567

 0, 21.108, 210.567

 41, 21.108,

 41, 21.108,

210.567

■ 40, 22.669,
211.448

■ 40, 23.712,
212.610

■ 39, 24.324,
214.037

■ 39, 24.549,
214.600

210.567

■ 42, 19.033,
209.926

■ 43, 16.476,
209.494

■ 44, 13.483,
209.237

■ 45, 10.114,
209.126

■ 46, 6.429, 209.142

■ 47, 2.488, 209.322

■ 48, 1.655, 29.114

■ 50, 5.951, 29.494

■ 51, 10.359, 29.784

Harmonies

Complementary

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



41, 21.108, 210.567



29, 35.099, 34.244

Rectangle

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



41, 21.108, 210.567



41, 21.108, 260.567



41, 21.108, 30.567



41, 21.108, 80.567

Sweetspot

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



41, 21.108, 210.566



58, 9.809, 209.119



42, 48.667, 141.403



29, 6.605, 209.117



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, 21.108, 210.566



52, 28.126, 211.993



29, 29.656, 278.683



23, 2.271, 209.240



41, 25.489, 214.718



81, 43.353, 215.909

Inverse Universe

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



29, 47.582, 331.104



36, 65.646, 331.855



38, 31.484, 76.814



22, 4.260, 327.937



27, 61.011, 332.790



57, 103.722, 333.082

Previews

White Background



This preview shows how the CIELCh color 41, 21.108, 210.567 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, 21.108, 210.567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

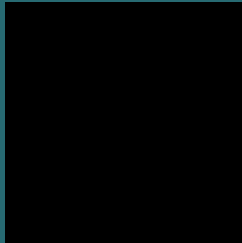
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 21.108, 210.567

Background



This preview shows how black text looks on a background with the CIELCh color 41, 21.108, 210.567.



This preview shows how white text looks on a background with the CIELCh color 41, 21.108, 210.567.

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, 21.108, 210.567

Protanopia

41, 6.686, 287.772

Deuteranopia

41, 13.425, 295.443



Tritanopia
41, 21.108, 210.567

Trichromacy



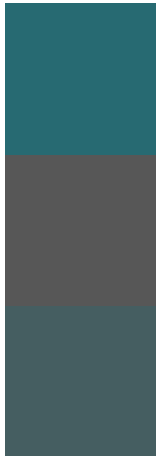
Original Color
41, 21.108, 210.567

Protanomaly
41, 10.926, 228.647

Deuteranomaly
40, 13.013, 251.833

Tritanomaly
41, 21.108, 210.567

Monochromacy



Original Color
41, 21.108, 210.567

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 9.753, 209.210

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 21.108, 210.567 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(39, 106, 114)` looks like.

```
.text, #text, p{  
    color:rgb(39, 106, 114)  
}
```

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(39, 106, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 106, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 21.108, 210.567 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(39, 106, 114) }
```

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

```
.border{ border-color:rgb(39, 106, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 106, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 106, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 106, 114);  
box-shadow:4px 4px 4px 4px rgb(39, 106,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 21.108, 210.567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 106, 114) }
```

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

```
.background{ background-color: rgb(39, 106,  
114) }
```

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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