

Converting Colors

CIELCh(41, 21.984, 151.876)

Have a look what the booklet for
CIELCh(41, 21.984, 151.876)
contains.

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Color

CIELCh(41, 21.992, 151.434)

Conversions

Conversions Part 1

Format	Color
Hex	44694F
RGB	68, 105, 79
RGB Percent	27%, 41%, 31%
CMY	0.7338, 0.5887, 0.6907
CMYK	0.35, 0.00, 0.25, 0.59
HSL	138°, 21%, 34%
HSV	138°, 35%, 41%
XYZ	8.8209, 11.8645, 9.1994
YIQ	90.9730, -13.7060, -15.9300

Conversions

Conversions Part 2

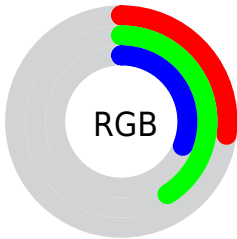
Format	Color
RYB	68, 97, 105
Decimal	4483407
CIELab	41.00, -19.31, 10.52
CIELCh	41, 21.992, 151.434
Yxy	11.8645, 0.2952, 0.3970
Android (android.graphics.Color)	4282673487 (0xFF44694F)
YUV	90.9730, -5.9027, -20.1473
Hunter-Lab	34.4449, -14.5671, 8.2766

Details

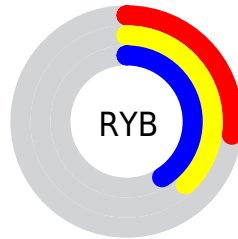
The CIELCh color **41, 21.992, 151.434** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **34, 22.234, 336.599**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 21.896, 151.699**, and **21, 21.781, 150.877** is the 20% darker color. If you saturate the color by 10%, you get **40, 28.018, 150.387**, and if you desaturate by 10%, it is **42, 15.803, 152.351**.

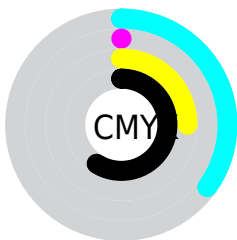
Distribution



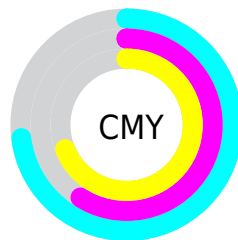
- Red (27%)
- Green (41%)
- Blue (31%)



- Red (27%)
- Yellow (38%)
- Blue (41%)



- Cyan (35%)
- Magenta (0%)
- Yellow (25%)
- Black (59%)





- Cyan (73%)
- Magenta (59%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 21.992, 151.434 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, 21.992, 151.434 by changing the saturation by 10% instead.


 41, 21.992,
151.434


 41, 21.992,
151.434


 100, 21.992,
151.434


 31, 21.992,
151.434

 61, 21.992,
151.434


 21, 21.992,
151.434

 71, 21.992,
151.434

 11, 21.992,
151.434

 81, 21.992,
151.434

 1, 21.992, 151.434

 91, 21.992,
151.434

 0, 21.992, 151.434

 41, 21.992,

 41, 21.992,

151.434

■ 40, 28.018,
150.387

■ 40, 33.777,
149.193

■ 39, 39.162,
147.839

■ 39, 44.070,
146.320

■ 38, 48.415,
144.647

■ 38, 52.185,
142.915

■ 38, 53.858,
142.207

151.434

■ 42, 15.803,
152.351

■ 43, 9.539, 153.161

■ 44, 3.278, 153.907

■ 45, 2.923, 334.393

■ 46, 9.017, 334.995

■ 47, 14.973,
335.500

■ 49, 20.772,
335.950

■ 50, 26.400,
336.356

■ 52, 31.853,
336.725

Harmonies

Complementary

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



41, 21.992, 151.434



34, 22.234, 336.599

Rectangle

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



41, 21.992, 151.434



41, 21.992, 201.434



41, 21.992, 331.434



41, 21.992, 21.434

Sweetspot

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



41, 21.993, 151.434



55, 8.446, 153.460



43, 22.365, 119.198



28, 5.722, 153.390



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, 21.993, 151.434



52, 32.072, 150.622



41, 15.162, 178.820



22, 3.560, 153.630



43, 58.688, 141.928



85, 103.884, 140.699

Inverse Universe

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



34, 22.234, 336.599



41, 32.420, 337.220



33, 17.304, 5.820



21, 3.578, 334.717



25, 52.490, 343.849



54, 89.350, 345.078

Previews

White Background



This preview shows how the CIELCh color 41, 21.992, 151.434 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, 21.992, 151.434 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, 21.992, 151.434

Background



This preview shows how black text looks on a background with the CIELCh color 41, 21.992, 151.434.



This preview shows how white text looks on a background with the CIELCh color 41, 21.992, 151.434.

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, 21.992, 151.434

Protanopia

41, 13.063, 94.140

Deuteranopia

41, 10.954, 61.301



Tritanopia
41, 10.991, 224.733

Trichromacy



Original Color
41, 21.992, 151.434

Protanomaly
41, 14.412, 124.086

Deuteranomaly
41, 10.301, 113.512

Tritanomaly
41, 11.969, 186.170

Monochromacy



Original Color
41, 21.992, 151.434

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 7.797, 153.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 21.992, 151.434 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(68, 105, 79)` looks like.

```
.text, #text, p{  
    color:rgb(68, 105, 79)  
}
```

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(68, 105, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 105, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 21.992, 151.434 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(68, 105, 79) }
```

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

```
.border{ border-color:rgb(68, 105, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 105, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 105, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 105, 79);  
box-shadow:4px 4px 4px 4px rgb(68, 105,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 21.992, 151.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 105, 79) }
```

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

```
.background{ background-color: rgb(68, 105,  
79) }
```

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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