

Converting Colors

CIELCh(44, 47.359, 51.450)

Have a look what the booklet for
CIELCh(44, 47.359, 51.450) contains.

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Color

CIELCh(44, 47.320, 51.220)

Conversions

Conversions Part 1

Format	Color
Hex	A1522B
RGB	161, 82, 43
RGB Percent	63%, 32%, 17%
CMY	0.3678, 0.6777, 0.8307
CMYK	0.00, 0.49, 0.73, 0.37
HSL	20°, 58%, 40%
HSV	20°, 73%, 63%
XYZ	18.2128, 13.8382, 4.0133
YIQ	101.1750, 59.6030, 4.6190

Conversions

Conversions Part 2

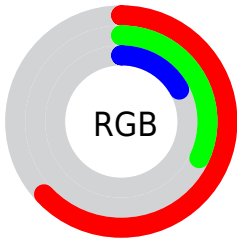
Format	Color
R_{YB}	161, 101, 43
Decimal	10572331
CIE _{Lab}	44.00, 29.64, 36.89
CIE _{LCh}	44, 47.320, 51.220
Yxy	13.8382, 0.5050, 0.3837
Android (android.graphics.Color)	4288762411 (0xFFA1522B)
YUV	101.1750, -28.6803, 52.4665
Hunter-Lab	37.1997, 22.2929, 19.6433

Details

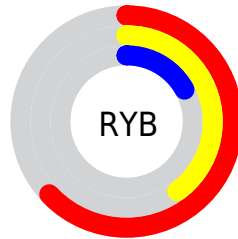
The CIELCh color **44, 47.320, 51.220** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **48, 29.741, 249.226**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 47.324, 51.695**, and **24, 45.859, 49.281** is the 20% darker color. If you saturate the color by 10%, you get **42, 54.851, 50.772**, and if you desaturate by 10%, it is **47, 39.682, 51.570**.

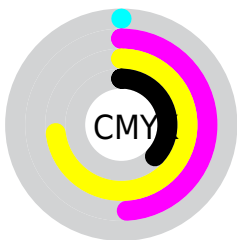
Distribution



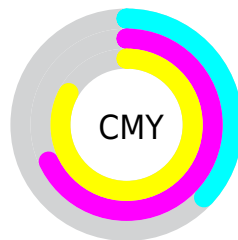
- Red (63%)
- Green (32%)
- Blue (17%)



- Red (63%)
- Yellow (40%)
- Blue (17%)



- Cyan (0%)
- Magenta (49%)
- Yellow (73%)
- Black (37%)





















- Cyan (37%)
- Magenta (68%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 47.320, 51.220 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 44, 47.320, 51.220 by changing the saturation by 10% instead.

 44, 47.320, 51.220	 44, 47.320, 51.220
 100, 47.320, 51.220	 34, 47.320, 51.220
 64, 47.320, 51.220	 24, 47.320, 51.220
 74, 47.320, 51.220	 14, 47.320, 51.220
 84, 47.320, 51.220	 4, 47.320, 51.220
 94, 47.320, 51.220	 0, 47.320, 51.220

 44, 47.320, 51.220	 44, 47.320, 51.220
 42, 54.851, 50.772	 47, 39.682, 51.570
 39, 61.548, 49.884	 49, 32.292, 51.954

38, 65.751, 49.347

52, 25.295, 52.423

56, 18.741, 52.981

59, 12.629, 53.613

62, 6.937, 54.292

65, 1.629, 54.847

69, 3.331, 236.007

72, 7.983, 236.728

Harmonies

Complementary

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



44, 47.320, 51.220



48, 29.741, 249.226

Rectangle

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



44, 47.320, 51.220



44, 47.320, 101.220



44, 47.320, 231.220



44, 47.320, 281.220

Sweetspot

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



44, 47.319, 51.223



75, 14.744, 53.667



39, 58.575, 341.455



38, 9.977, 53.501



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



44, 47.319, 51.223



52, 71.960, 50.284



58, 51.816, 92.863



33, 2.956, 54.557



34, 60.735, 49.652



2, 4.479, 51.478

Inverse Universe

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



48, 29.741, 249.226



58, 41.157, 256.082



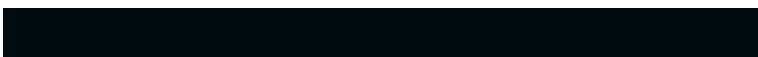
31, 60.565, 295.460



33, 2.826, 236.232



39, 33.544, 260.514



3, 4.518, 242.465

Previews

White Background



This preview shows how the CIELCh color 44, 47.320, 51.220 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 44, 47.320, 51.220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

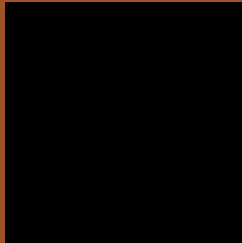
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 47.320, 51.220

Background



This preview shows how black text looks on a background with the CIELCh color 44, 47.320, 51.220.



This preview shows how white text looks on a background with the CIELCh color 44, 47.320, 51.220.

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

44, 47.320, 51.220

Protanopia

44, 32.277, 96.093

Deuteranopia

44, 38.209, 81.285



Tritanopia
44, 38.153, 21.141

Trichromacy



Original Color
44, 47.320, 51.220

Protanomaly
44, 34.051, 75.507

Deuteranomaly
44, 39.663, 68.506

Tritanomaly
44, 39.651, 34.025

Monochromacy



Original Color
44, 47.320, 51.220

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 15.871, 52.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 47.320, 51.220 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(161, 82, 43)` looks like.

```
.text, #text, p{  
    color:rgb(161, 82, 43)  
}
```

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(161, 82, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 82, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 47.320, 51.220 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(161, 82, 43) }
```

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

```
.border{ border-color:rgb(161, 82, 43) }
```

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

Here you see how a box with a 4 pixel rgb(161, 82, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 82, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 82, 43);  
box-shadow:4px 4px 4px 4px rgb(161, 82,  
43) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 47.320, 51.220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 82, 43) }
```

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

```
.background{ background-color: rgb(161, 82,  
43) }
```

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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