

Converting Colors

CIELCh(41, 53.425, 20.305)

Have a look what the booklet for
CIELCh(41, 53.425, 20.305) contains.

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Color

CIELCh(41, 53.709, 20.330)

Conversions

Conversions Part 1

Format	Color
Hex	AE3445
RGB	174, 52, 69
RGB Percent	68%, 20%, 27%
CMY	0.3180, 0.7964, 0.7297
CMYK	0.00, 0.70, 0.60, 0.32
HSL	352°, 54%, 44%
HSV	352°, 70%, 68%
XYZ	19.7304, 11.8645, 6.8686
YIQ	90.4160, 67.2550, 31.1510

Conversions

Conversions Part 2

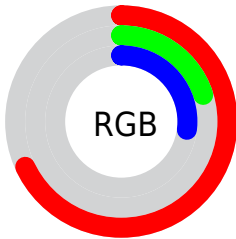
Format	Color
R_{YB}	174, 52, 69
Decimal	11416645
CIE _{Lab}	41.00, 50.36, 18.66
CIE _{LCh}	41, 53.709, 20.330
Yxy	11.8645, 0.5130, 0.3085
Android (android.graphics.Color)	4289606725 (0xFFAE3445)
YUV	90.4160, -10.5581, 73.3032
Hunter-Lab	34.4449, 41.9681, 12.2885

Details

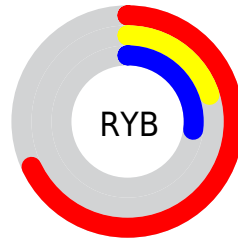
The CIELCh color **41, 53.709, 20.330** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **64, 37.112, 181.453**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 53.353, 20.479**, and **23, 49.809, 24.810** is the 20% darker color. If you saturate the color by 10%, you get **39, 60.740, 24.224**, and if you desaturate by 10%, it is **44, 46.046, 17.191**.

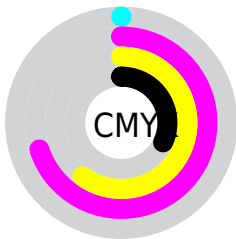
Distribution



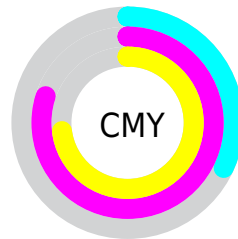
- Red (68%)
- Green (20%)
- Blue (27%)



- Red (68%)
- Yellow (20%)
- Blue (27%)



- Cyan (0%)
- Magenta (70%)
- Yellow (60%)
- Black (32%)



- Cyan (32%)
- Magenta (80%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 53.709, 20.330 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, 53.709, 20.330 by changing the saturation by 10% instead.

■ 41, 53.709, 20.330

■ 41, 53.709, 20.330

■ 100, 53.709,
20.330

■ 31, 53.709, 20.330

■ 61, 53.709, 20.330

■ 21, 53.709, 20.330

■ 71, 53.709, 20.330

■ 11, 53.709, 20.330

■ 81, 53.709, 20.330

■ 1, 53.709, 20.330

■ 91, 53.709, 20.330

■ 0, 53.709, 20.330

■ 41, 53.709, 20.330

■ 41, 53.709, 20.330

■ 39, 60.740, 24.224

■ 44, 46.046, 17.191

■ 37, 66.975, 28.804

■ 48, 38.021, 14.704

36, 72.421, 33.378

52, 29.911, 12.737

56, 21.944, 11.164

61, 14.273, 9.882

66, 6.981, 8.800

71, 0.101, 3.264

76, 6.370, 187.316

81, 12.452,
186.633

Harmonies

Complementary

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



41, 53.709, 20.330



64, 37.112, 181.453

Rectangle

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



41, 53.709, 20.330



41, 53.709, 70.330



41, 53.709, 200.330



41, 53.709, 250.330

Sweetspot

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



41, 53.706, 20.332



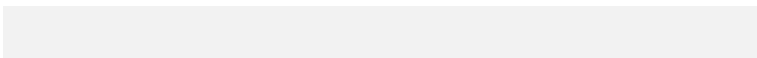
77, 18.538, 10.026



42, 74.014, 322.932



40, 12.744, 10.356



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



41, 53.706, 20.332



49, 78.302, 26.602



49, 47.553, 52.974



34, 3.876, 8.713



31, 64.673, 32.749



2, 7.925, 10.033

Inverse Universe

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



41, 53.706, 20.332



49, 78.302, 26.602



52, 31.240, 251.340



34, 3.876, 8.713



31, 64.673, 32.749



2, 7.925, 10.033

Previews

White Background



This preview shows how the CIELCh color 41, 53.709, 20.330 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, 53.709, 20.330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

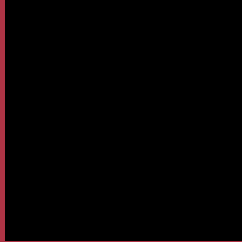
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 53.709, 20.330

Background



This preview shows how black text looks on a background with the CIELCh color 41, 53.709, 20.330.



This preview shows how white text looks on a background with the CIELCh color 41, 53.709, 20.330.

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, 53.709, 20.330

Protanopia

41, 5.121, 89.715

Deuteranopia

41, 21.888, 74.366



Tritanopia
41, 54.952, 28.105

Trichromacy



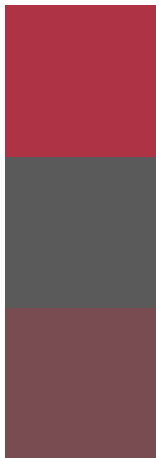
Original Color
41, 53.709, 20.330

Protanomaly
40, 21.260, 21.009

Deuteranomaly
40, 30.237, 38.074

Tritanomaly
41, 54.378, 25.414

Monochromacy



Original Color
41, 53.709, 20.330

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 20.407, 12.513

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 53.709, 20.330 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(174, 52, 69)` looks like.

```
.text, #text, p{  
    color:rgb(174, 52, 69)  
}
```

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(174, 52, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 52, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 53.709, 20.330 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(174, 52, 69) }
```

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

```
.border{ border-color:rgb(174, 52, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 52, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 52, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 52, 69);  
box-shadow:4px 4px 4px 4px rgb(174, 52,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 53.709, 20.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 52, 69) }
```

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

```
.background{ background-color: rgb(174, 52,  
69) }
```

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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