

Converting Colors

CIELCh(71, 1.622, 226.005)

Have a look what the booklet for
CIELCh(71, 1.622, 226.005) contains.

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Color

CIELCh(71, 1.553, 244.445)

Conversions

Conversions Part 1

Format	Color
Hex	ABAEB0
RGB	171, 174, 176
RGB Percent	67%, 68%, 69%
CMY	0.3285, 0.3167, 0.3089
CMYK	0.03, 0.01, 0.00, 0.31
HSL	204°, 3%, 68%
HSV	204°, 3%, 69%
XYZ	39.8834, 42.1875, 47.2342
YIQ	173.3310, -2.4300, -0.0140

Conversions

Conversions Part 2

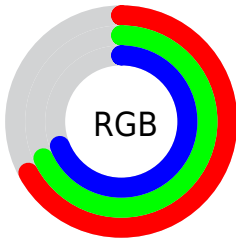
Format	Color
RYB	171, 173, 176
Decimal	11251376
CIELab	71.00, -0.67, -1.40
CIELCh	71, 1.553, 244.445
Yxy	42.1875, 0.3084, 0.3263
Android (android.graphics.Color)	4289441456 (0xFFABAEB0)
YUV	173.3310, 1.3158, -2.0443
Hunter-Lab	64.9519, -4.0587, 2.3495

Details

The CIELCh color $71, 1.553, 244.445$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 1.560, 63.283$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 1.875, 255.955$, and $51, 1.652, 244.489$ is the 20% darker color. If you saturate the color by 10%, you get $68, 6.918, 245.336$, and if you desaturate by 10%, it is $74, 3.937, 63.046$.

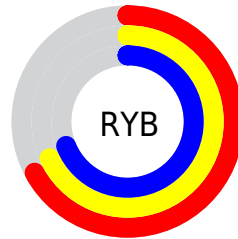
Distribution



Red (67%)

Green (68%)

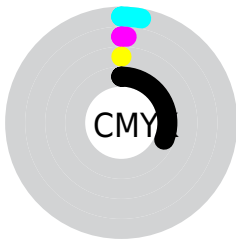
Blue (69%)



Red (67%)

Yellow (68%)

Blue (69%)

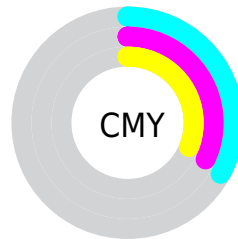


Cyan (3%)

Magenta (1%)

Yellow (0%)

Black (31%)



Cyan (33%)

Magenta (32%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 1.553, 244.445 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 71, 1.553, 244.445 by changing the saturation by 10% instead.

■ 71, 1.553, 244.445

■ 71, 1.553, 244.445

■ 100, 1.553,
244.445

■ 61, 1.553, 244.445

■ 91, 1.553, 244.445

■ 51, 1.553, 244.445

■ 41, 1.553, 244.445

■ 31, 1.553, 244.445

■ 21, 1.553, 244.445

■ 11, 1.553, 244.445

■ 1, 1.553, 244.445

■ 0, 1.553, 244.445

■ 71, 1.553, 244.445

■ 71, 1.553, 244.445

68, 6.918, 245.336

74, 3.937, 63.046

65, 12.122,
246.721

78, 9.518, 62.300

62, 17.121,
248.425

81, 15.159, 61.637

84, 20.838, 61.070

58, 21.877,
250.506

87, 25.213, 63.122

56, 26.359,
253.036

89, 26.014, 72.652

91, 27.494, 81.341

53, 30.554,
256.087

92, 29.542, 88.931

50, 34.482,
259.711

94, 32.037, 95.384

47, 38.204,
263.919

45, 41.830,
268.636

Harmonies

Complementary

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



71, 1.553, 244.445



71, 1.560, 63.283

Rectangle

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



71, 1.553, 244.445



71, 1.553, 294.445



71, 1.553, 64.445



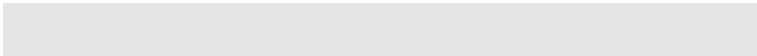
71, 1.553, 114.445

Sweetspot

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



71, 1.553, 244.374



91, 0.684, 244.645



71, 2.526, 157.791



48, 0.388, 244.681



96, 0.011, 296.813



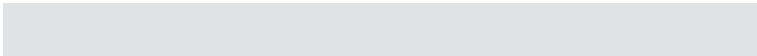
48, 0.006, 296.813

Same Dimension

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



71, 1.553, 244.374



90, 2.033, 244.379



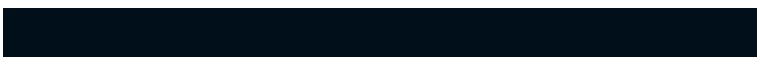
70, 2.429, 285.323



37, 1.250, 244.408



38, 39.729, 271.460



4, 8.085, 256.580

Inverse Universe

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



71, 2.515, 338.678



89, 3.295, 338.703



72, 2.402, 104.647



37, 2.029, 338.776



33, 59.855, 352.351



2, 11.307, 344.237

Previews

White Background



This preview shows how the CIE LCh color 71, 1.553, 244.445 looks on a white background.

Color Contrast Check

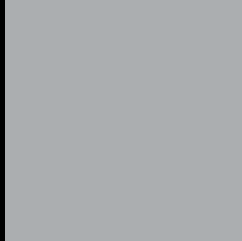
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 71, 1.553, 244.445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

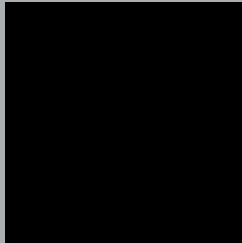
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

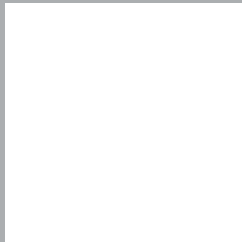
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 1.553, 244.445

Background



This preview shows how black text looks on a background with the CIELCh color 71, 1.553, 244.445.



This preview shows how white text looks on a background with the CIELCh color 71, 1.553, 244.445.

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

71, 1.553, 244.445

Protanopia

71, 1.583, 335.582

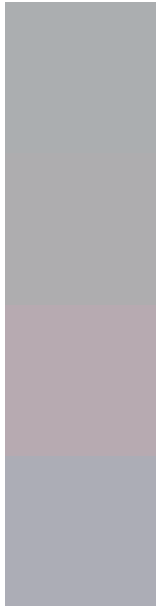
Deuteranopia

71, 9.357, 348.634



Tritanopia
71, 7.104, 290.884

Trichromacy



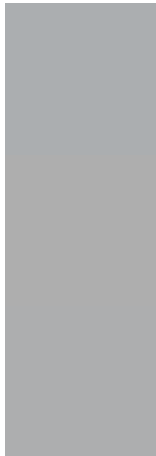
Original Color
71, 1.553, 244.445

Protanomaly
71, 1.167, 309.026

Deuteranomaly
71, 6.234, 342.137

Tritanomaly
71, 4.928, 286.407

Monochromacy



Original Color
71, 1.553, 244.445

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 0.663, 256.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 1.553, 244.445 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(171, 174, 176)` looks like.

```
.text, #text, p{  
    color:rgb(171, 174, 176)  
}
```

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(171, 174, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 174, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 1.553, 244.445 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(171, 174, 176) }
```

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

```
.border{ border-color:rgb(171, 174, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 174, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 174, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 174, 176);  
box-shadow:4px 4px 4px 4px rgb(171, 174,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 1.553, 244.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 174, 176) }
```

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

```
.background{ background-color: rgb(171,  
174, 176) }
```

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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