

Converting Colors

CIELCh(69, 20.748, 254.558)

Have a look what the booklet for
CIELCh(69, 20.748, 254.558)
contains.

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Color

CIELCh(69, 20.771, 254.303)

Conversions

Conversions Part 1

Format	Color
Hex	86ADCC
RGB	134, 173, 204
RGB Percent	53%, 68%, 80%
CMY	0.4743, 0.3213, 0.1998
CMYK	0.34, 0.15, 0.00, 0.20
HSL	207°, 41%, 66%
HSV	207°, 34%, 80%
XYZ	35.7012, 39.3444, 62.8766
YIQ	164.8730, -33.1950, 1.3730

Conversions

Conversions Part 2

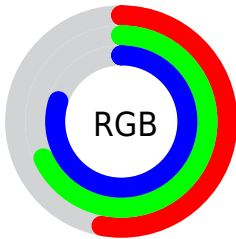
Format	Color
RYB	134, 159, 204
Decimal	8826316
CIELab	69.00, -5.62, -20.00
CIELCh	69, 20.771, 254.303
Yxy	39.3444, 0.2589, 0.2853
Android (android.graphics.Color)	4287016396 (0xFF86ADCC)
YUV	164.8730, 19.2896, -27.0756
Hunter-Lab	62.7251, -8.1723, -15.5256

Details

The CIELCh color $69, 20.771, 254.303$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $71, 23.688, 65.128$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 18.541, 248.540$, and $49, 20.857, 253.873$ is the 20% darker color. If you saturate the color by 10%, you get $65, 26.413, 256.588$, and if you desaturate by 10%, it is $73, 14.914, 252.406$.

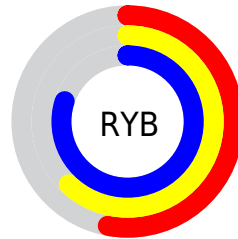
Distribution



Red (53%)

Green (68%)

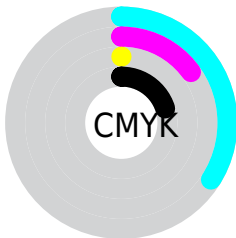
Blue (80%)



Red (53%)

Yellow (62%)

Blue (80%)

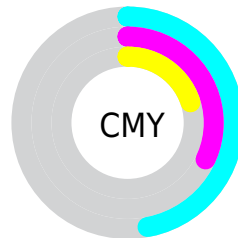


Cyan (34%)

Magenta (15%)

Yellow (0%)

Black (20%)



Cyan (47%)


Magenta (32%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 20.771, 254.303 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 69, 20.771, 254.303 by changing the saturation by 10% instead.


 69, 20.771,
254.303


 69, 20.771,
254.303


 100, 20.771,
254.303


 59, 20.771,
254.303


 89, 20.771,
254.303

 49, 20.771,
254.303

 99, 20.771,
254.303

 39, 20.771,
254.303

 29, 20.771,
254.303

 19, 20.771,
254.303

 9, 20.771, 254.303

 0, 20.771, 254.303

69, 20.771,
254.303

69, 20.771,
254.303

65, 26.413,
256.588

73, 14.914,
252.406

62, 31.823,
259.337

77, 8.879, 250.846

58, 37.004,
262.607

80, 2.700, 249.638

84, 3.584, 68.263

55, 41.997,
266.430

88, 9.942, 67.407

52, 46.889,
270.775

92, 15.954, 68.132

94, 17.981, 85.763

49, 51.805,
275.522

96, 21.313, 98.727

47, 54.693,
278.216

99, 25.411,
107.732

Harmonies

Complementary

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



69, 20.771, 254.303



71, 23.688, 65.128

Rectangle

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



69, 20.771, 254.303



69, 20.771, 304.303



69, 20.771, 74.303



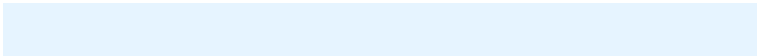
69, 20.771, 124.303

Sweetspot

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



69, 20.770, 254.301



95, 7.470, 250.287



77, 33.104, 157.097



50, 5.089, 250.471



0, 0.000, 0.000



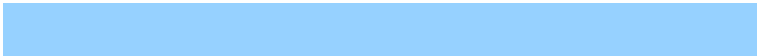
53, 0.007, 296.813

Same Dimension

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



69, 20.770, 254.301



81, 29.421, 255.911



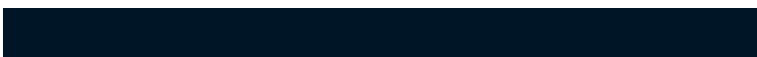
60, 36.943, 291.927



41, 3.538, 250.195



39, 46.238, 277.434



6, 14.093, 265.427

Inverse Universe

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



64, 33.863, 343.739



75, 48.327, 344.547



79, 34.326, 103.841



40, 5.522, 341.393



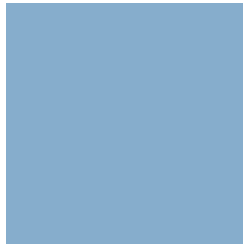
36, 62.333, 356.365



4, 20.554, 349.908

Previews

White Background



This preview shows how the CIELCh color 69, 20.771, 254.303 looks on a white background.

Color Contrast Check

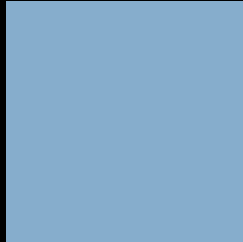
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 69, 20.771, 254.303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

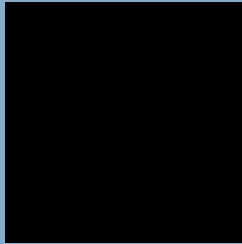
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

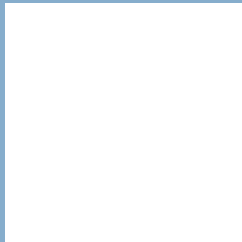
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 20.771, 254.303

Background



This preview shows how black text looks on a background with the CIELCh color 69, 20.771, 254.303.



This preview shows how white text looks on a background with the CIELCh color 69, 20.771, 254.303.

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





Tritanopia
69, 16.677, 225.971

Trichromacy



Original Color
69, 20.771, 254.303

Protanomaly
69, 18.415, 272.654

Deuteranomaly
69, 21.216, 280.404

Tritanomaly
69, 17.639, 237.269

Monochromacy



Original Color
69, 20.771, 254.303

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 7.782, 250.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 20.771, 254.303 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(134, 173, 204)` looks like.

```
.text, #text, p{  
    color:rgb(134, 173, 204)  
}
```

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(134, 173, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 173, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 20.771, 254.303 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(134, 173, 204) }
```

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

```
.border{ border-color:rgb(134, 173, 204) }
```

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

Here you see how a box with a 4 pixel rgb(134, 173, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 173, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 173, 204);  
box-shadow:4px 4px 4px 4px rgb(134, 173,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 20.771, 254.303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 173, 204) }
```

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

```
.background{ background-color: rgb(134,  
173, 204) }
```

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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