

Converting Colors

`RYB(132, 174, 240)`

Have a look what the booklet for
RYB(132, 174, 240) contains.

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Color

`RYB(132, 174, 240)`

Conversions

Conversions Part 1

Format	Color
Hex	84C9F0
RGB	132, 201, 240
RGB Percent	52%, 79%, 94%
CMY	0.4824, 0.2128, 0.0588
CMYK	0.45, 0.16, 0.00, 0.06
HSL	202°, 78%, 73%
HSV	202°, 45%, 94%
XYZ	46.0670, 52.8430, 90.2098
YIQ	184.8150, -53.6430, -2.4990

Conversions

Conversions Part 2

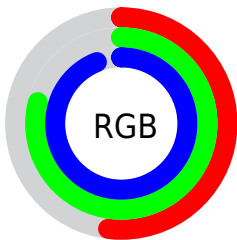
Format	Color
R _Y B	132, 174, 240
Decimal	8702448
CIE Lab	77.78, -11.48, -26.15
CIE LCh	78, 28.558, 246.298
Yxy	52.8430, 0.2436, 0.2794
Android (android.graphics.Color)	4286892528 (0xFF84C9F0)
YUV	184.8150, 27.2062, -46.3188
Hunter-Lab	72.6932, -14.0944, -22.6916

Details

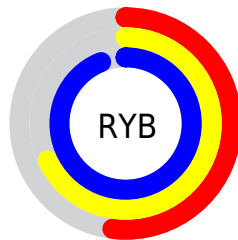
The RYB color **132, 174, 240** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **240, 193, 132**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **189, 222, 255**, and **75, 118, 184** is the 20% darker color. If you saturate the color by 10%, you get **108, 159, 240**, and if you desaturate by 10%, it is **156, 188, 240**.

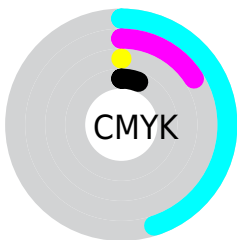
Distribution



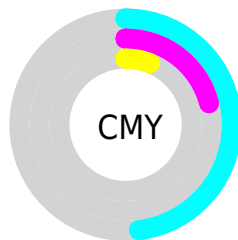
- Red (52%)
- Green (79%)
- Blue (94%)



- Red (52%)
- Yellow (68%)
- Blue (94%)



- Cyan (45%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)




- Cyan (48%)
- Magenta (21%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 174, 240 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 RYB color 132, 174, 240 by changing the saturation by 10% instead.

 132, 174, 240


255, 255, 255


 189, 222, 255

 219, 237, 255

 248, 252, 255

 132, 174, 240


 104, 146, 212

 75, 118, 184

 43, 89, 157

 0, 55, 131

 0, 43, 105

 0, 31, 81

 0, 20, 58

 0, 2, 36

 0, 0, 12

■ 132, 174, 240

■ 132, 174, 240

■ 108, 159, 240

■ 156, 188, 240

■ 84, 145, 240

■ 180, 203, 240

■ 60, 130, 240

■ 204, 218, 240

■ 36, 115, 240

■ 228, 233, 240

■ 12, 101, 240

■ 252, 246, 240

■ 0, 93, 240

■ 242, 255, 240

■ 240, 255, 240

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



113, 163, 223



132, 174, 240



167, 186, 244

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



132, 174, 240



245, 173, 188



149, 200, 172

Complementary

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



132, 174, 240



240, 193, 132

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



158, 206, 140



132, 174, 240



244, 179, 162

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



132, 174, 240



231, 176, 214



230, 215, 144



146, 188, 205

Rectangle

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



132, 174, 240



192, 187, 240



230, 215, 144



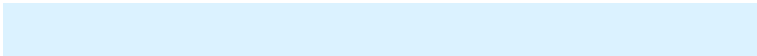
144, 198, 155

Sweetspot

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



132, 174, 240



219, 233, 255



132, 212, 240



106, 115, 128



0, 0, 0



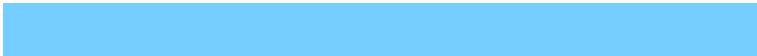
128, 128, 128

Same Dimension

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



132, 174, 240



117, 171, 255



132, 146, 240



108, 112, 120



0, 72, 184



0, 22, 56

Inverse Universe

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



240, 132, 201



255, 117, 205



151, 240, 132



120, 108, 115



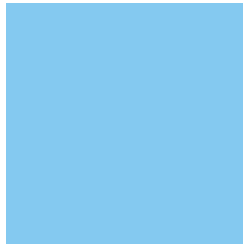
184, 0, 117



56, 0, 36

Previews

White Background



This preview shows how the RYB color 132, 174, 240 looks on a white background.

Color Contrast Check

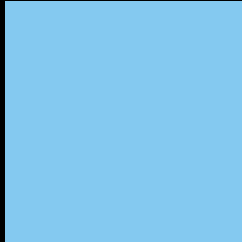
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 132, 174, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

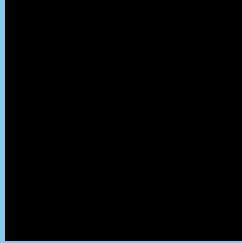
Any Text WCAG AA ✓ Pass

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](#).

RYB 132, 174, 240 Background



This preview shows how black text looks on a background with the RYB color 132, 174, 240.



This preview shows how white text looks on a background with the RYB color 132, 174, 240.

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
132, 174, 240

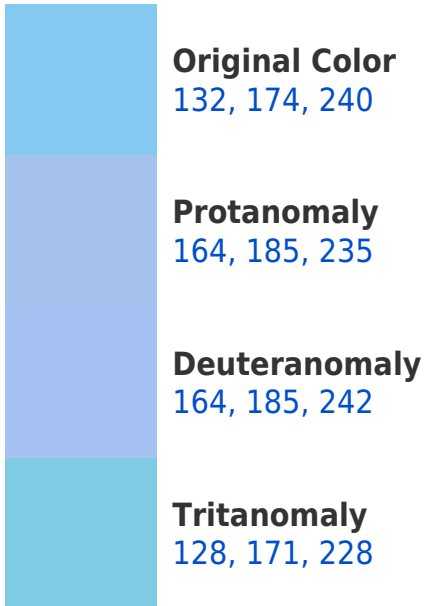
Protanopia
182, 189, 232

Deuteranopia
183, 188, 243

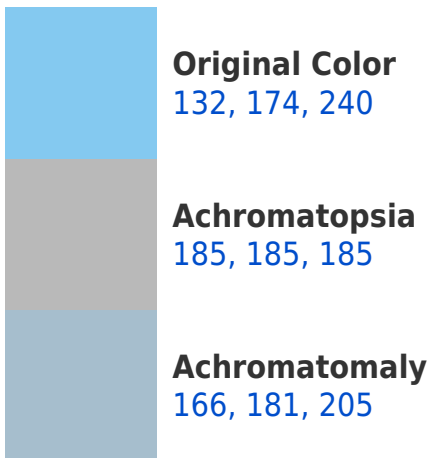


Tritanopia
126, 169, 221

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 174, 240 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(132, 201, 240)` looks like.

```
.text, #text, p{  
    color:rgb(132, 201, 240)  
}
```

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(132, 201, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 201, 240) }
```

Border

The CSS property to change the border of an element to RYB 132, 174, 240 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(132, 201, 240) }
```

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

```
.border{ border-color:rgb(132, 201, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 201, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 201, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 201, 240);  
box-shadow:4px 4px 4px 4px rgb(132, 201,  
240) }
```

Background

The CSS property to change the background color of an element to RYB 132, 174, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 201, 240) }
```

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

```
.background{ background-color: rgb(132,  
201, 240) }
```

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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